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CURRENT FISHERY STATISTICS No.6100

Fisheries of the United States, 1972

U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
National Marine Fisheries Service

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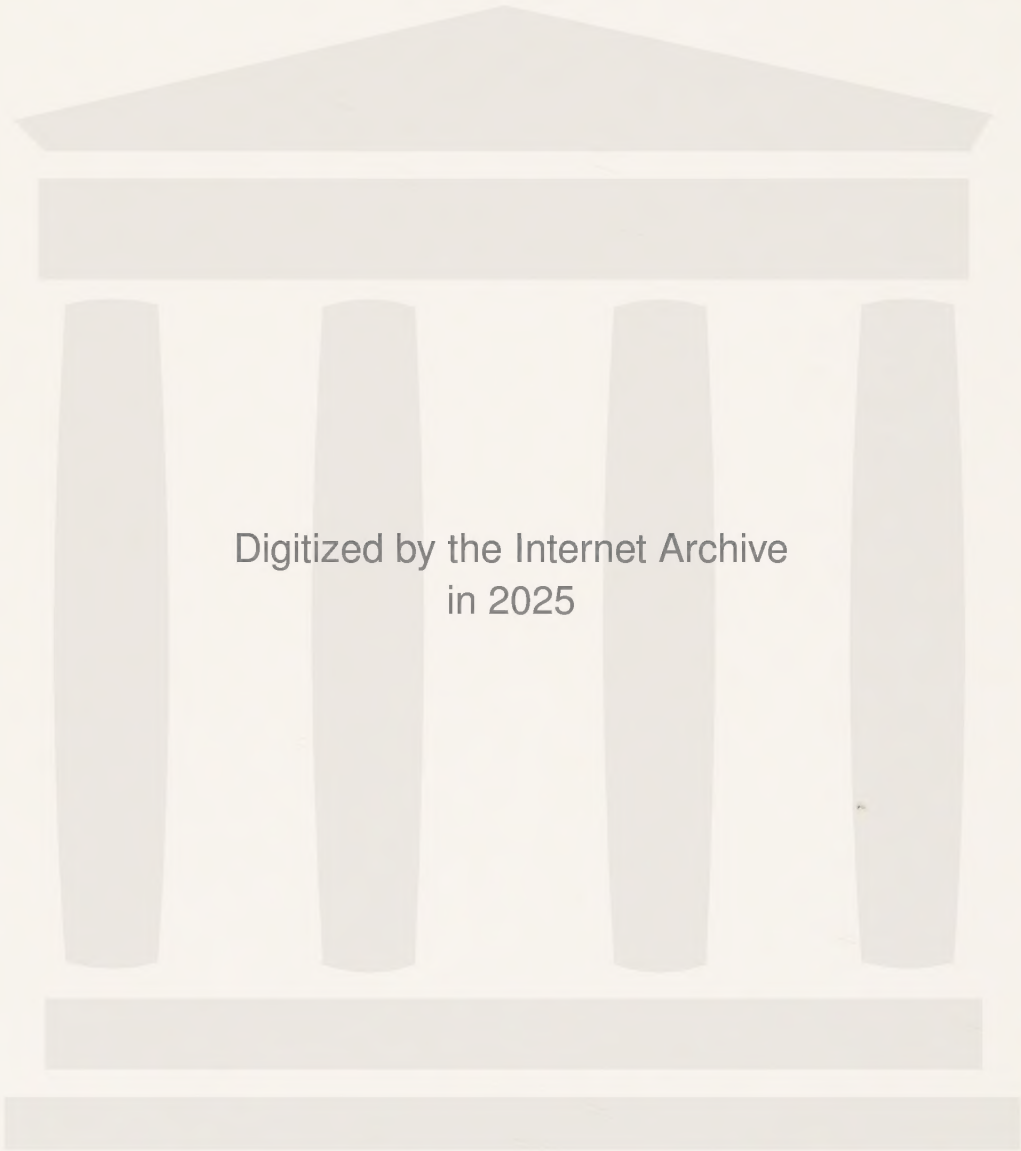
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Current Fishery Statistics No.6100

Fisheries of the United States, 1972

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WASHINGTON, D.C.
MARCH 1973

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PREFACE

This is a preliminary report on the fisheries of the United States for 1972. The report is a continuation of similar annual reports designed to provide timely answers to frequently asked questions for the year just ended. Final data will be published in Fishery Statistics of the United States, 1972 (Statistical Digest No. 66).

Information presented in this report came from many sources. Data on U.S. landings and processed fishery products were collected and compiled by the Regional Statistics and Market News Divisions of the National Marine Fisheries Service (NMFS) in cooperation with the various States. The data were tabulated and made ready for publication by the Washington office of the Statistics and Market News Division. Sources of other data appearing in this publication are: the U.S. Bureau of the Census, Bureau of Customs, Bureau of Labor Statistics, Coast Guard, Department of Defense, Department of the Interior, and the Food and Agriculture Organization (FAO) of the United Nations.

The NMFS Statistics and Market News Division wants to take this opportunity to thank all those States and members of industry who continually provide the data that make reports such as this one possible. All data appearing in this publication are consistent with the provisions of the Federal Reports Act of 1942.

As in all past issues of this report the units of quantity and value are defined as follows: U.S. or domestic landings are shown in terms of round (live) weight, unless otherwise noted; quantities shown for U.S. imports and exports are in product weight as reported by the Bureau of the Census, unless otherwise noted; the value of the U.S. or domestic catch is exvessel (see Glossary); the value for U.S. imports generally is the market value in the foreign (exporting) country and, therefore, excludes U.S. import duties, freight charges from the foreign country to the United States, and insurance; the value for exports generally is the value at the U.S. port of export, based on the selling price, including inland freight, insurance, and other charges to the U.S. port of export.

In response to suggestions from our readers, we made a few changes in this year's report. We included commercial landings by U.S. craft at ports outside the continental United States and Hawaii (see table on page 18). The tables on the U.S. whale catch and U.S. production of whale products are deleted because the Secretary of Commerce halted commercial whaling in the United States beginning in 1972. Tables on world fisheries are shown for the first time in both metric measure and in pounds. Three tables have been added showing the U.S. supply of edible and industrial fishery products for the years 1960-72. And finally, the number of species has been greatly increased in the tables on indexes of exvessel prices.

Because the Statistics and Market News Division wishes to provide the kinds of data wanted by users of fishery statistics, the Division welcomes any comments or suggestions that will lead to an improvement in the presentation of fishery data. Please address any comments or suggestions to: Chief, Statistics and Market News Division, National Marine Fisheries Service, 3300 Whitehaven Street, NW., Washington, D.C. 20235.

CONTENTS

Page

PREFACE iii

REVIEW, 1972. 1

U.S. LANDINGS

U.S. commercial landings by species, 1971 and 1972. 15
Landings of fish and shellfish by U.S. fishing craft: By species, by distance caught off U.S. shores and caught in international waters off foreign shores, 1972. . 18
U.S. commercial landings by States, 1971 and 1972 22
U.S. commercial landings by regions, 1971 and 1972. 23
Quantity and value of landings at certain U.S. ports, 1972. 23
U.S. landings of fish and shellfish, 1960-72. 24
Relative volume of the landings, by species, 1970 25
Relative value of the landings, by species, 1970. 26
Disposition of landings, 1971 and 1972. 27
Monthly landings and utilization of fish and shellfish, 1972. 27
Take of Pribilof Islands sealskins, 1960-72 28
Average value of Pribilof Islands sealskins, 1960-72. 28

WORLD FISHERIES

Catch of fish, crustaceans, mollusks, and other aquatic plants and animals, by leading countries, 1956-71 29
Catch of fish, crustaceans, mollusks, and other aquatic plants and animals, by countries, 1970 and 1971 30
Catch of fish, crustaceans, mollusks, and other aquatic plants and animals, by continents, 1970 and 1971. 31
Catch of fish, crustaceans, mollusks, and other aquatic plants and animals, by major fishing areas, 1970 and 1971 31
Catch of fish, crustaceans, mollusks, and other aquatic plants and animals, by species groups, 1970 and 1971. 32
Estimated use of world catch, 1969 and 1970 32

PROCESSED FISHERY PRODUCTS

Fish fillets and steaks
Production of fish fillets and steaks, 1972 33
Fish sticks, portions, and breaded shrimp
Production of fish sticks and portions, 1960-72 33
Production of breaded shrimp, 1960-72 33
Frozen fishery products
Freezings of fishery products, 1971 and 1972. 34
Holdings of frozen fishery products, December 31, 1971 and 1972. 34
Canned pack
Pack of certain canned products, 1971 and 1972. 35
Production of canned fishery products, 1960-72. 35
Fish meal, oil, and solubles
Production of fish meal, oil, and solubles, 1971 and 1972 36
Industrial products
Production of industrial products, 1960-72. 36

FOREIGN TRADE

U.S. Imports
Imports of fishery products, 1960-72. 37
Imports: Value, duties collected, and ad valorem equivalent, 1960-72 37
Imports of fishery products, 1971 and 1972. 38
Imports of edible fishery products, by continent and country of origin, 1971 and 1972 39
Imports of fish blocks and slabs, by species, 1971 and 1972 40
Imports of fish blocks and slabs by country of origin, 1971 and 1972. 40

CONTENTS

Page

FOREIGN TRADE

U.S. Imports - Continued
Imports of groundfish fillets and steaks, by species, 1971 and 1972 40
Quota and imports of groundfish fillets and steaks, 1960-72 41
Quota and imports of canned tuna not in oil, 1960-72. 41
Imports of shrimp, by country of origin, 1971 and 1972. 42
Imports of shrimp by product types, 1971 and 1972 43
Imports of fish meal and scrap by country of origin, 1971 and 1972. 43
Imports of fish solubles by country of origin, 1971 and 1972. 43

U.S. Exports
Exports of domestic fishery products, 1960-72 44
Exports of selected domestic fishery products, 1971 and 1972. 44
Exports of domestic fishery products, by country of destination, 1972 45
Exports of domestic and foreign shrimp products, 1971 and 1972. 47
Exports of domestic fresh and frozen shrimp, by country of destination, 1971 and 1972 47
Exports of domestic canned shrimp, by country of destination, 1971 and 1972 47
Exports of domestic fresh and frozen salmon, by country of destination, 1971 and 1972 48
Exports of domestic canned sardines, by country of destination, 1971 and 1972 48
Exports of domestic canned mackerel, by country of destination, 1971 and 1972 48
Exports of domestic canned squid, by country of destination, 1971 and 1972. 49
Exports of domestic fish and fish liver oils, by country of destination, 1971-72. . . 49

SUPPLY OF FISHERY PRODUCTS (Domestic Production Plus Imports)

Supply of edible and industrial fishery products, 1960-72 50
Supply of edible fishery products, 1960-72. 50
Supply of industrial fishery products, 1960-72. 50
Supply of fishery products, 1971 and 1972 51
Supply of groundfish fillets and steaks, 1960-72. 52
Supply of fillets and steaks, other than groundfish, 1960-72. 52
Landings and imports of tuna, 1962-72 53
Supply of canned tuna, 1962-72. 53
Supply of canned bonito and yellowtail, 1962-72 53
Supply of canned sardines, 1960-72. 55
Supply of canned salmon, 1960-72. 55
Supply of shrimp, 1960-72 56
Supply of canned shrimp, 1960-72. 56
Supply of scallop meats, 1960-72. 57
Supply of fresh and frozen spiny lobsters, 1960-72. 58
Supply of fresh and frozen American (northern) lobsters, 1960-72. 58
Supply of canned crab meat, 1960-72 58
Supply of fish meal, 1960-72. 59
Supply of fish solubles, 1960-72. 59
Supply of fish oils, 1960-72. 59
Supply of fish meal and solubles, 1960-72 60

MILITARY PURCHASES

Purchases of fresh, frozen, and canned fishery products, by defense subsistence supply centers, 1960-72 61
Purchases of principal fresh and frozen fishery products, by defense subsistence supply centers, 1971 and 1972 61

PRICES

Prices received by fishermen
Indexes of exvessel prices for fish and shellfish, by months, 1972. 62
Indexes of exvessel prices for fish and shellfish, by years, 1968-72. 64
Wholesale price indexes
Wholesale price indexes for edible fish and shellfish, by months, 1972. 65

CONTENTS

Page

PRICES - Continued

Wholesale prices
Average wholesale prices for edible fish and shellfish, by months, 1972 66
Retail prices
Retail prices of fishery products, by months, 1971 and 1972 68

VALUE

Value of processed fishery products at processor's level, 1971 and 1972 69
Estimated value of fishery products at various levels, 1971 and 1972. 69

PER CAPITA UTILIZATION

Total per capita utilization, 1950-72 70

PER CAPITA CONSUMPTION

Per capita consumption of commercially-caught fish and shellfish, 1950-72 71
Per capita consumption of canned fishery products, 1950-72. 72
Per capita consumption of certain fishery items, 1950-72. 72
Annual per capita consumption of fish and shellfish, by region and country, latest available data 74

EMPLOYMENT, CRAFT, AND PLANTS

Number of full-time and part-time commercial fishermen, by State, 1972. 77
Additions to the U.S. fishing fleet, 1971 78
Processing and wholesale establishments and employment, 1971 and 1970 81
Plants producing canned and industrial fishery products, and fish fillets and steaks, 1972. 84
Employment, fishing craft, and establishments, various years, 1930-70 85

FISHERY PRODUCTS INSPECTION

Products inspected in calender year 1972. 85

FISHERY COOPERATIVES

Fishery cooperatives in the United States, Virgin Islands, and Puerto Rico, 1972. . . . 86

MARINE SPORT FISHERIES

U.S. marine sport fisheries: Number of marine anglers, expenditures, and total catch by area, 1955, 1960, 1965, and 1970 87

GENERAL ADMINISTRATIVE INFORMATION. 88

PUBLICATIONS

Description of publications 92
Request to be placed on mailing list. 93

GLOSSARY. 94

STATISTICAL SUBJECT INDEX 97

REVIEW

In 1972, commercial fishery landings at U.S. ports by U.S. fishermen were 4.7 billion pounds valued at a record $703.6 million at the exvessel level. The quantity landed was 5 percent less than in 1971, but, because of higher exvessel prices, the value was 9 percent greater than in 1971. The 1972 average value per pound of 14.9 cents was a record high.

Landings of edible fishery products amounted to 2.3 billion pounds in 1972, down 4 percent from 1971. U.S. landings of fish for industrial (inedible) uses declined 7 percent in 1972 as compared with 1971.

Total U.S. landings were smaller in 1972 than in 1971, principally because of marked decreases in landings of menhaden and salmon. The 1972 salmon landings were 31 percent less than 1971, and menhaden landings decreased 11 percent. Significant decreases occurred in other species including alewives, Atlantic cod, haddock, Pacific hake, halibut, jack mackerel, whiting, dungeness crabs, and soft clams. Skipjack landings of 46.8 million pounds in 1972 represented a decrease of 59 percent compared with 1971, but total tuna landings of 377.6 million pounds at ports in the United States were 8 percent above 1971 because of increased landings of yellowfin tuna. An additional 146.8 million pounds of tuna were landed by U.S. fishing craft at ports outside the United States, principally in Puerto Rico (see table on page 18). The following species had significant increases in landings in 1972 compared with 1971: anchovies, flounders, sea herring, rockfishes, surf clams, king crabs, and snow crabs.

The domestic shrimp industry was the most valuable fishery in the country. The 1972 catch, valued at a record $193.2 million, accounted for 27 percent of the total U.S. exvessel value for all species. Landings of shrimp in the United States in 1972 were 385.0 million pounds–down 1 percent from 1971.

The value of fishery products processed in this country from both domestic and imported raw materials set a new record in 1972–$2.3 billion, 23 percent above the previous record reached in 1971. The 1972 canned pack of human and animal food of 56.5 million standard cases valued at $989.3 million also set a new record. There also were record packs of tuna and clam products. Production of fish sticks and portions were a record 383.0 million pounds with a record value of $207.9 million, up 45.0 million pounds and $28.0 million from 1971. Both the quantity and value of breaded shrimp production were at record levels in 1972–106.4 million pounds, valued at $139.7 million. Production of industrial fishery products was valued at $156.2 million, a gain of $49.7 million compared with 1971.

Cold storage holdings reached a record high of 419 million pounds at the end of October 1972, and by year end, despite a slight decline, were a record 415 million pounds. Imports of edible fishery products of 2.3 billion pounds valued at $1.2 billion were almost a third greater in quantity and 39 percent greater in value than in 1971 and established new records. The value of nonedible fishery imports increased from $187.1 million in 1971 to $261.1 million in 1972, a gain of 40 percent. Exports of domestic fishery products were valued at $157.9 million in 1972, a gain of 13 percent.

The supply of fishery products improved in 1972 largely because of greater imports. Per capita consumption in 1972 is estimated at 12.2 pounds (edible weight), up 0.8 pounds from 1971.

REVIEW

HIGHLIGHTS

RECORDS ESTABLISHED

● LANDINGS IN THE UNITED STATES

Total value — $703.6 million. . . .(previous high, 1971–$643.2 million).

Flounders, Pacific — 52.3 million pounds. . . .(previous high, 1948–51.5 million pounds).

Tuna, yellowfin — 243.9 million pounds. . . .(previous high, 1970–237.4 million pounds).

Lobsters, spiny — 11.2 million pounds. . . .(previous high, 1970–10.3 million pounds).

Crabs, snow — 29.0 million pounds. . . .(previous high, 1970–14.5 million pounds).

Bonito — 22.9 million pounds. . . .(previous high 1967–21.3 million pounds).

● PROCESSED FISHERY PRODUCTS

Canned fishery products — 1.5 billion pounds and $989.3 million. . . .(previous high, 1970–1.3 billion pounds and 1971–$770.6 million).

Canned fishery products for human consumption — 916.4 million pounds and $847.6 million. . . .(previous high, 1971–816.2 million pounds and $666.2 million).

Tuna, canned — 31.1 million standard cases. . . .(previous high, 1971–22.2 million cases).

Fish sticks — $61.2 million. . . .(previous high, 1970–$57.7 million).

Fish portions — 268.7 million pounds and $146.7 million. . . .(previous high, 1971–241.2 million pounds and $123.1 million).

Breaded shrimp — 106.4 million pounds and $139.7 million. . . .(previous high, 1969–105.6 million pounds and 1971–$121.2 million).

Clam chowder and juice, canned — 2.1 million standard cases. . . .(previous high, 1971–2.0 million cases).

Animal (pet) food, canned — 13.5 million standard cases. . . .(previous high, 1971–10.7 million cases).

Industrial products — $156.2 million. . . .(previous high, 1971–$106.6 million).

Tuna and mackerel meal — 43,200 tons and $5.5 million. . . . (previous high, 1971–29,300 tons and 1970–$3.8 million).

IMPORTS

Total value — $1,494.4 million. . . .(previous high, 1971–$1,074.2 million).

Edible fishery products — 2,341.1 million pounds valued at $1,233.3 million. . . . (previous high, 1971–1,785.5 million pounds valued at $887.1 million).

Nonedible fishery products — $261.1 million. . . .(previous high, 1970–$224.9 million).

Fish blocks and slabs — 355.5 million pounds. . . .(previous high, 1971–311.2 million pounds).

Fillets and steaks, other than groundfish — 171.9 million pounds. . . . (previous high, 1970–136.1 million pounds).

Tuna, albacore, frozen — 263.1 million pounds. . . .(previous high, 1970–205.3 million pounds).

Tuna, other than albacore, frozen — 446.2 million pounds. . . . (previous high, 1971–278.8 million pounds).

Shrimp — 253.1 million pounds (heads-off). . . .(previous high, 1970–245.7 million pounds).

Scallops — 20.8 million pounds. . . .(previous high, 1971–17.4 million pounds).

Sardines, canned — 70.2 million pounds. . . .(previous high, 1968–58.9 million pounds).

Oysters, canned — 19.3 million pounds. . . .(previous high, 1967–15.5 million pounds).

EXPORTS

Total value — $157.9 million. . . .(previous high, 1971–$139.2 million).

Shrimp, domestic, canned — 8.4 million pounds. . . .(previous high, 1971–8.3 million pounds).

SUPPLY (Domestic production plus imports)

Groundfish fillets or steaks, and fish blocks — 604.4 million pounds. . . . (previous high, 1971–526.4 million pounds).

Fillets or steaks, other than groundfish — 258.6 million pounds. . . . (previous high, 1970–226.7 million pounds).

Tuna, canned — 673.1 million pounds. . . .(previous high, 1970–509.9 million pounds).

Shrimp — 487.5 million pounds (heads-off). . . .(previous high, 1970–469.9 million pounds).

Lobsters, spiny — 54.2 million pounds. . . .(previous high, 1969–53.7 million pounds).

REVIEW

OTHER IMPORTANT FACTS

- Menhaden landings of 1.9 billion pounds accounted for 41 percent of total landings of all species in the United States.

- Shrimp was the leading species landed in terms of value of total landings in the United States and second in quantity.

- Tuna was the second most important species landed in the United States in terms of value and third in quantity.

- Louisiana led all the States in volume of landings with 1,071 million pounds–followed by Virginia, 664 million pounds; California, 640 million pounds; and Alaska, 390 million pounds.

- For the second year, California led all States in value of landings, $92 million; followed by Texas, $85 million; Alaska, $81 million; and Louisiana, $72 million.

- San Pedro, Calif., with landings of 452 million pounds valued at $59 million, was the leading commercial fishing port in 1972.

- The 146.8 million pounds of tuna landed in Puerto Rico and American Samoa accounted for four-fifths of the landings by U.S. craft at ports outside the United States. Landings of shrimp and spiny lobsters by U.S. fishing vessels at Central and South American ports accounted for the remainder.

- A permanent moratorium was placed on the taking and importation of any marine mammal or marine mammal product, effective December 21, 1972, under the Marine Mammal Protection Act of 1972. The management of whales, porpoises (dolphins), seals, and sea lions are the responsibility of the Department of Commerce, while all other marine mammals are the responsibility of the Department of the Interior. The Alaska fur seal is exempt from the moratorium. Marine mammals taken incidentally in commercial fishing operations are exempt for 2 years after the date of enactment, October 21, 1972.

IMPORTANT SPECIES

Shrimp. . . .Landings of 385.0 million pounds of shrimp (heads-on) declined slightly compared with the record 387.9 million pounds taken in 1971. The value, however, was a record $193.2 million–16 percent more than in 1971, the former record year. The Gulf States accounted for 59 percent of the total U.S. shrimp landings and 85 percent of the total value. Texas led all States in both production and value with 97.4 million pounds worth $79.8 million. Louisiana was next with 83.0 million pounds worth $46.9 million.

Landings of 228.5 million pounds along the Gulf Coast were slightly more than in 1971, and the value ($163.4 million) increased 20 percent. Fishermen received record exvessel prices for jumbo and large shrimp until midyear, but after that time prices declined markedly. Record prices for medium and small shrimp held firm during most of the year. The very profitable shrimp fishery in this area continued to attract investments in new trawlers. Many Gulf shipyards at the end of the year had backlogs of orders for these vessels.

Pacific Coast States landings of 106.0 million pounds worth $6.6 million were 28 percent of the volume and 3 percent of the value of the total U.S. shrimp harvest. Alaska led in volume with a near-record 81.3 million pounds, followed by Oregon with a record 20.6 million pounds--an increase of 129 percent compared with 1971. The spectacular increase in Oregon shrimp production was caused principally by an unusually successful 1970 hatch.

In the South Atlantic States, the shrimp fishery declined from 30.6 million pounds worth $20.6 million in 1971 to 25.9 million pounds worth $18.5 million in 1972.

The New England landings of 24.5 million pounds worth $4.6 million were much the same as in the previous year. Compared with 1971, Maine landings of 16.6 million pounds declined moderately because of smaller catches during the peak season from January to April. Massachusetts landings of 7.7 million pounds were 29 percent greater than in 1971. Gloucester has become the leading port for New England shrimp landings, and shrimp has become economically important to fishermen operating out of that port.

U.S. imports of shrimp (including fresh or frozen, canned, and cured) were a record 223.2 million pounds (import weight)--31.9 million more than in 1971. Mexico continued as the leading country exporting shrimp to the United States.

Salmon. . . .Pacific salmon landings of 216.7 million pounds worth $62.8 million declined 95.4 million pounds and $15.0 million compared with 1971. Landings of all species except chum salmon declined sharply. Chum salmon landings of 54.5 million pounds were 5 percent greater than in 1971–the result of a record harvest in Puget Sound.

Alaska landings, which were among the smallest on record, were about 75 percent of the total Pacific salmon production. Landings of silver salmon increased slightly compared with 1971, but all other species declined markedly. Alaska red salmon landings (41.1 million pounds) were less than one-half the 1971 production and the third smallest harvest on record. A poor run of the Bristol Bay red salmon resulted in a pack of only 201,700 cases in that area–compared with 682,340 cases in 1971. Pink salmon landings (55.4 million pounds) declined about 26 percent compared with 1971. Failure of the pink salmon runs at Prince William Sound and in the Kodiak area resulted in a total Alaska pack of only 538,111 cases of pink salmon–compared with 1,074,547 cases in 1971.

The 1972 canned pack of Pacific salmon was 1.8 million cases–49 percent less than in 1971, and one of the smallest packs on record.

Tuna. . . .Landings of tuna in the continental United States and Hawaii were 377.6 million pounds worth a record $89.9 million–an increase of 29.5 million pounds and $14.4 million compared with 1971. Record landings of yellowfin tuna and near-record landings of albacore tuna contributed substantially to the greater harvest. Despite the increased production of albacore, fishermen in the Pacific Northwest received a record price of $680 per ton for the fish. A worldwide shortage of albacore tuna was a contributing factor to the favorable price.

Tuna landings at California ports increased slightly compared with 1971. Composition of the landings was considerably different from the previous year. In 1971, landings of both albacore and skipjack tuna were excellent. In 1972, however, landings of albacore and skipjack declined sharply but landings of bluefin tuna (24.4 million pounds) increased 44 percent and yellowfin tuna (236.6 million) increased 47 percent compared with 1971.

The Inter-American Tropical Tuna Commission set a 1972 quota of 140,000 short tons (the same as in 1971) for the yellowfin tuna fishery in the regulatory area of the eastern tropical Pacific. The season opened January 1 and closed March 5, 1972. It was the seventh consecutive year that this fishery operated under a quota system designed to maintain the yellowfin population at the maximum sustainable harvest. As in 1971, fishermen reached the assigned quota.

The 1972 pack of canned tuna was a record 31.1 million cases--about 8.8 million cases more than in 1971, the former record year. Contributing to the record pack were landings made by U.S. flag vessels in Puerto Rico and foreign ports, which are not included in U.S. landings statistics or in imports of fresh and frozen tuna. In 1972, these landings, together with U.S. landings, totaled 524.4 million pounds of tuna worth $120.6 million. Canned tuna available for consumption in 1972 (U.S. pack from domestic landings plus U.S. pack from imported fresh or frozen tuna plus imported canned) was 673.1 million pounds. About 34 percent of the U.S. supply was packed from domestic landings--compared with 39 percent in 1971.

Crabs. . . .Landings of crabs, all species, were 281.1 million pounds worth $58.6 million--a gain of 2 percent in quantity and 13 percent in value compared with 1971. The greater volume resulted largely from a record harvest of snow crabs and small increases in landings of hard blue crabs and king crabs. The gain in value was caused principally by general increases in exvessel prices for hard blue crabs, king crabs, and snow crabs. A shortage of dungeness crabs, combined with a brisk market for this popular shellfish, caused the average price per pound to increase from 24 cents in 1971 to 44 cents in 1972.

Hard blue crab landings in the Middle Atlantic and Chesapeake States were adversely affected by hurricane Agnes, a tropical storm that devastated parts of the northeastern coastal and inland areas in June 1972. The storm curtailed crab landings by causing loss of gear and fishing effort, but by July and August the fishery had reached its normal production. The 1972 year class of young crabs, however, may be small because the storm came when the crabs were spawning thus affecting the 1972 hatch.

Menhaden. . . .Total landings of menhaden, the leading species used for industrial purposes, were 1.9 billion pounds in 1972, a decrease of 251 million pounds compared to the previous year. Landings of menhaden at Gulf ports were almost 500 million pounds less than the record 1.6 billion pounds landed in 1971. Although landings at Gulf ports declined, landings at Atlantic Coast ports increased by 248 million pounds in 1972.

Production of menhaden meal in 1972 (193,580 tons) decreased by 27,416 tons from the previous year's production of 220,996 tons but accounted for 68 percent of the 1972 fish meal production. Imports of fish meal of 392,000 tons were 38 percent greater than the 283,200 tons imported in 1971 and accounted for 58 percent of the total supply of 677,400 tons.

Production of menhaden oil totaled 167.0 million pounds in 1972, and accounted for 89 percent of the total production. This was 77.0 million pounds less than the record 244.0 million pounds produced in 1971. Menhaden products (meal, oil, and solubles) were valued at $51.1 million to the processors in 1972.

Lobsters. . . .Landings of American (northern) lobsters were 29.3 million pounds worth a record $36.1 million–a decline of 12 percent in volume but a gain of 3 percent in value compared with 1971. Landings in the New England and Middle Atlantic States declined, but in the Chesapeake States, principally in Virginia, they increased moderately. All along the Atlantic coast fishermen turned increasingly to the offshore lobster pot fishery. In Massachusetts this fishery was based in the Cape Cod-Westport area. The spiny lobster harvest was a record 11.2 million pounds worth a record $11.6 million--33 percent more in quantity and 46 percent more in value than in 1971.

Clams. . . .Landings of 89.1 million pounds of clam meats worth a record $31.9 million increased 8 percent in volume and 4 percent in value compared with 1971. The principal reason for the greater volume was a near-record harvest of 63.4 million pounds of surf clam meats worth a record $7.9 million–10.9 million pounds and $1.0 million more than in 1971. Record landings of 23.4 million pounds of surf clams in Virginia were 419 percent greater than in 1971 and contributed substantially to the increase. The commercial surf clam fishery operated in Virginia for the fifth consecutive year. Many vessels from other States began working out of Virginia ports because the clamming was in areas off the Virginia coast. Some of the surf clams taken by these vessels were trucked out of Virginia for processing. As landings increased, however, more processors began operating in Virginia. New Jersey, formerly the leading State in surf clam landings, accounted for 21.3 million pounds--a decline of 26 percent compared with 1971. Together New Jersey and Virginia accounted for 70 percent of the total U.S. surf clam harvest.

Soft clam landings of 8.8 million pounds worth $5.2 million declined 3.1 million pounds and $1.2 million compared with 1971. Maryland, long the leading State in soft clam production, had landings of only 1.9 million pounds--the smallest since 1955. The Maryland soft clam resource was severely depleted in June by an influx of fresh water and high water temperatures, which followed hurricane Agnes. State officials closed the fishery until such time as the resource had recovered from the effects of the hurricane. Landings of hard clam meats were 16.3 million pounds worth $18.5 million–a decline of 5 percent in quantity but an increase of 9 percent in value compared with 1971.

In 1972, the pack of clams and clam products reached a record 2.7 million cases worth $26.0 million. Of this production, 2.1 million cases were chowder and juice–an increase of 2 percent compared with 1971. The pack of whole or minced clams declined from 634,500 cases in 1971 to 624,800 cases in 1972.

Oysters. . . .Landings of 52.5 million pounds of oyster meats worth a record $33.8 million declined 2.0 million pounds but increased $3.4 million in value compared with 1971. Landings increased slightly in the Middle Atlantic, South Atlantic, and Pacific Coast States, but declined in the New England, Chesapeake, and Gulf States. Landings in the Chesapeake States (22.1 million pounds) were 12 percent less than in 1971 and in the Gulf States (17.9 million pounds) they were 8 percent less. The Chesapeake and Gulf States landings comprised 76 percent of the total U.S. oyster harvest.

Flounders. . . .Total U.S. landings of flounders were 168.8 million pounds valued at $28.8 million, an increase of 8 percent in quantity and 30 percent in value. Increased landings of Pacific flounders in California and yellowtail flounders in Massachusetts and Rhode Island were responsible for the increase in the total quantity landed. Landings in Massachusetts and Rhode Island, the leading yellowtail flounder producing States, increased owing to increased catches made in Subarea 6 (Middle Atlantic area) of the Statistical Area of the International Commission for the Northwest Atlantic Fisheries (ICNAF). Catches in Subarea 6 were not subject to catch quotas by ICNAF. Catches in Subarea 5 (New England area) were subject to an international quarterly quota, and the quota was reached in each quarter of the year. By informal agreement, only U.S. fishermen were allowed to fish specifically for yellowtail flounder in 1972.

For 1973, the quotas on yellowtail flounders have been assigned on a national basis. The total 1973 quota for the United States is 53.1 million pounds for Subareas 3 (Greenland area), 4 (Nova Scotia area), and 5. Subarea 6 remains free of quota for yellowtail flounders. American plaice has been placed under a quota in 1973, and the U.S. quota is 220.5 thousand pounds (Subarea 3). An ICNAF quota is also proposed for flounders, other than yellowtail, in Subareas 5 and 6 for 1973; the U.S. share of this quota is 47.8 million pounds.

Groundfish. . . .The Atlantic and Pacific fishery for groundfish (Atlantic and Pacific cod, cusk, haddock, white hake, pollock, and Atlantic ocean perch) yielded 148.8 million pounds valued at $18.1 million–down 6 percent in quantity but up 8 percent in value compared to 1971.

Landings of the leading groundfish species declined in 1972: Atlantic cod landings were 46.3 million pounds, down 12 percent compared to 1971; haddock landings were 11.7 million pounds, down 46 percent; and Atlantic ocean perch landings were 58.8 million pounds, down 2 percent. Landings of the less important groundfish species increased: Pacific cod landings were 10.4 million pounds, up 61 percent compared to 1971; pollock landings were 12.8 million pounds, up 18 percent; and white hake landings were 6.6 million pounds, up 16 percent. In 1972, haddock was the only Atlantic groundfish subject to a catch quota by the International Commission for the Northwest Atlantic Fisheries (ICNAF). The total quota of 41.9 million pounds for Subarea 4 (Nova Scotia area) and Subarea 5

(New England area) was an international quota in which the United States and Canada, by informal agreement, were the only countries allowed to fish specifically for haddock. The ICNAF quota for haddock for 1973 is the same as that for 1972, and the informal agreement, mentioned previously, remains in effect. For 1973, ICNAF quotas have been proposed or are in effect for additional groundfish species. For the United States, these quotas are as follows: cod, 66.2 million pounds (Subarea 5 and Subarea 6--Middle Atlantic area); Atlantic ocean perch, 54.1 million pounds (Subareas 5 and 6); and pollock, 24.9 million pounds (Subareas 5 and 6).

The U.S. quotas for other species, proposed or in effect, in 1973 are as follows: American plaice and other flounders (see "Flounders"); mackerel, 57.8 million pounds (Subareas 5 and 6); red hake, 33.1 million pounds (Subarea 5ZW–south of New England); sea herring, 55.1 million pounds (see "Herring, sea"); and whiting (silver hake), 113.5 million pounds (Subarea 5).

Herring, sea. . . .Total landings of sea herring were 102.0 million pounds valued at $3.5 million in 1972, up 17 percent in quantity and 85 percent in value compared to 1971. Landings of both Atlantic and Pacific sea herring increased in quantity and value. Landings of Atlantic sea herring comprised the bulk of total sea herring landings. The increase in value of Atlantic sea herring landings was due to an increase in the use of sea herring for food purposes, principally for canning and for frozen fillets for export to Europe. The use for reduction to fish meal and oil was correspondingly less.

The U.S. catch of Atlantic sea herring beyond the 3-mile limit was subject to a quota of 55.1 million pounds in Subareas 5Y (Gulf of Maine) and 5Z (Georges Bank) under regulations of the International Commission for the Northwest Atlantic Fisheries (ICNAF). According to preliminary figures, U.S. fishermen caught about 90 percent of this quota. The proposed 1973 ICNAF quota for the United States again will be 55.1 million pounds for Subareas 5X and 5Z. The U.S. catch within 3 miles of shore, which is not subject to quota, was 43.1 million pounds in 1972 compared to 28.5 million pounds in 1971. Inshore landings consisted largely of 2-year-old fish used for canning sardines. Inshore landings increased in 1972, primarily because of the abundance of 1970 year class fish, the largest year class since the 1966 year class.

Scallops. . . .Total scallop landings were 8.8 million pounds valued at $14.3 million--down 5 percent in quantity but up 18 percent in value. The decline was attributable to a drop in landings of bay and calico scallops which more than offset a 12-percent increase in sea scallop landings. Landings of sea scallops rose in Alaska, Maine, New Jersey, and Virginia, but declined in Massachusetts, the principal producing State. At New Bedford, Mass., the nation's leading scallop port, the average exvessel price in 1972 was $2.00 per pound compared to $1.48 per pound in 1971.

Halibut. . . .Landings by the combined United States and Canadian halibut fleet were 41.5 million pounds (dressed weight)--11 percent less than in 1971. Landings were the smallest since 1918 when the fishery yielded 38 million pounds. For the fifth consecutive year, Canadian fishermen landed more halibut (52 percent of the production) than the United States fishermen.

Alaska landings were about 86 percent of the total U.S. harvest--continuing the trend toward increased landings in Alaska ports. In 1972, fishermen received record exvessel prices for halibut--averaging about 65 cents per pound (dressed weight) compared with 32 cents per pound in 1971.

PROCESSED FISHERY PRODUCTS

Canned fishery products. . . .The 1972 pack of canned fishery products in the United States, American Samoa, and Puerto Rico was a record both in quantity and value at 56.5 million standard cases (1.6 billion pounds) with a value of $989.3 million to the canning companies. Compared with 1971, this was an increase of about 10.5 million cases (236.4 million pounds) and $218.7 million. There were record packs of tuna, animal (pet) food, and clam chowder and larger packs of Maine sardines, tunalike fishes, and shrimp. The canned packs of salmon, mackerel, alewives, crab meat, and fish roe and caviar, however, were less than in 1971.

The pack for human consumption (916.4 million pounds) was 100.1 million pounds more than in 1971, while the amount packed for bait and animal (pet) food increased 136.3 million pounds. Five items--salmon, tuna, shrimp, clam products, and animal (pet) food–accounted for 93 percent of the total value of all canned fishery products. The pack of animal (pet) food containing less than 10 pounds of fish per standard case was 3.6 million standard cases valued at $22.4 million; these data are not included in statistics on the total U.S. production of canned fishery products.

Salmon. Pacific salmon landings during 1972 of 216.7 million pounds valued at $62.8 million were down 95.4 million pounds and $15.0 million. The 1972 pack of canned salmon of approximately 1.8 million cases was down about 1.7 million cases, or 49 percent, from 1971 and was among the lowest packs in this century. Major developments during the 1972 season were: The Bristol Bay red salmon pack was 201,700 cases, only 30 percent of the 1971 pack and the lowest since 1900. The Alaska pink salmon pack of only 538,111 cases was 40 percent of the 1970 cycle year pack of 1,328,532 cases and the second smallest pack this century. As a result of near-record low Alaska pink and red salmon packs, the producers raised their wholesale prices for these items by about $7 and $10 per case, respectively.

Tuna. The 1972 pack of tuna, 31.1 million standard cases (616.6 million pounds) valued at $632.5 million, set new records both in quantity and value. The pack exceeded that in 1971 by 8.8 million standard cases and more than $219 million. Production in all regions increased by significant amounts. The Pacific Coast led in production with 48 percent of the total, followed by Puerto Rico with 37 percent; American Samoa, Hawaii, and Maryland packed the remainder.

The United States imported a record 764.8 million pounds of tuna (round weight), including foreign landings at American Samoa, in 1972 compared with 506.6 million pounds in 1971. In 1972, U.S. packers produced 92 percent of the total supply of canned tuna.

Sardines. The 1972 pack of sardines (sea herring) totaled 1.6 million standard cases (36.6 million pounds) valued at $23.9 million. Compared with 1971, this was an increase of 612,000 cases and $13.0 million in value.

Shrimp. The 1972 pack of shrimp was 3.5 million standard cases, 215,000 more than the pack in 1971 but 197,000 less than the record pack in 1970. The value of the pack ($41.8 million) exceeded the previous year's value by $8.2 million. Canned production in Louisiana and Mississippi was 2.2 million standard cases, while Washington, Oregon, and Alaska produced 1.3 million cases.

Clams. The pack of clams and clam products was a record volume for 1972. Over 2.7 million standard cases valued at $26.0 million were produced. The pack of whole and minced clams (624,776 standard cases valued at $8.4 million) was 9,675 cases and $1.4 million less than 1971. However, the production of chowder and juice (2.1 million cases) was 36,251 cases and $1.1 million greater than in 1971.

Industrial fishery products. . . .The 1972 production of industrial fishery products in the United States, American Samoa, and Puerto Rico was $156.2 million--an increase of $49.7 million compared with 1971. Most of this increase was attributable to a sharp increase in the value of miscellaneous industrial fishery products. In terms of value, the leading producing State was California ($78 million), followed by Louisiana ($26 million) and Virginia ($16 million).

Marine animal scrap and meal. The 1972 production of 285,486 tons declined more than 7,000 tons compared with the 1971 production of 292,812 tons, but was still the second highest recorded since 1962. Menhaden meal (193,580 tons) accounted for 68 percent of the total meal production. Landings of menhaden used for reduction at Gulf ports were almost 500 million pounds less than the record 1.6 billion pounds landed in 1971. Although landings at Gulf ports declined, landings at Atlantic Coast ports increased by 220.3 million pounds in 1972.

Imports of fish meal in 1972 were 392,000 tons, 38 percent greater than the 283,200 tons imported in 1971, and accounted for 58 percent of the total supply.

The total supply of fish meal (imports plus domestic production) for use in this country in 1972 was 677,400 tons.

Marine animal oil. The domestic production of marine animal oils was 188.4 million pounds, 77.0 million pounds less than the 265.4 million pounds produced in 1971. Menhaden oil totaled 167.0 million pounds in 1972 and accounted for 89 percent of total production. U.S. exports of domestic fish oils were 193.2 million pounds in 1972–down 36.7 million pounds from 1971.

Fish solubles. The 1972 production of fish solubles was 134,404 tons, 21 percent above the 1971 production of 111,188 tons. Menhaden solubles comprised 104,086 tons of the total in 1972.

Other industrial products. Oyster shell products were valued at $4.2 million in 1972 compared with $4.1 million in 1971. Other industrial items produced in 1972 included agar-agar, animal feeds, crab and clam shells processed for serving food, fish feed pellets, Irish moss extracts, kelp products, leather products, liquid fertilizer, mussel shell novelties, and pearl essence. These items were valued at $84.6 million in 1972 compared with $32.0 million in 1971–an increase of $52.6 million. A marked increase in the value of kelp products was responsible for most of this increase in the total value of miscellaneous industrial products.

Fish fillets and steaks. . . .In 1972, the production of uncooked fresh or frozen fillets and steaks, exclusive of Hawaii and Alaska, was 122.5 million pounds valued at $88.2 million to the processors. Compared with 1971, this was a decrease of 5.9 million pounds but an increase of $12.8 million. Total production of groundfish fillets and steaks (cod, cusk, haddock, hake, pollock, and Atlantic ocean perch) was 35.7 million pounds in 1972 compared with 43.8 million pounds in 1971. An estimated 331.0 million pounds of whole fish were required for the U.S. production of fish fillets and steaks.

Fish sticks and portions. . . .The 1972 production was a record 383.0 million pounds–an increase of 45.0 million pounds compared with 1971, and 32.8 million pounds more than the previous record of 350.2 million pounds in 1970. The value surpassed the $200 million level, reaching a record $207.9 million in 1972. Although fish stick production (114.3 million pounds) was slightly less than the record 115.9 million produced in 1970, the production of fish portions set a new record of 268.7 million pounds, 28.5 million pounds more than the 1971 production of 240.2 million pounds.

Breaded shrimp. . . .The 1972 production of breaded shrimp reached a record 106.4 million pounds with a record value of $139.7 million–an increase of 1.8 million pounds and $18.5 million compared with 1971.

Frozen fishery trade. . . .Freezings of fish and shellfish during 1972 totaled 369 million pounds--an increase of 7 million pounds compared to 1971. It is estimated that a catch of 571 million pounds (live weight) of fish and shellfish was required for the 1972 freezings.

Holdings of frozen fish and shellfish reached a record of 419 million pounds on October 31, 1972. Record holdings during the year were recorded for blocks and slabs (104 million pounds on September 30), cod fillets (18 million pounds on October 31), fish sticks and portions (34 million pounds on December 31), lobsters (10 million pounds on October 31), and shrimp (98 million pounds on November 30).

In cooperation with the Department of Agriculture's Statistical Reporting Service, the National Marine Fisheries Service surveyed cold storage firms handling fishery products. In September 1972, as a result of that survey, the number of firms reporting freezings and holdings to the National Marine Fisheries Service increased from 285 to 340.

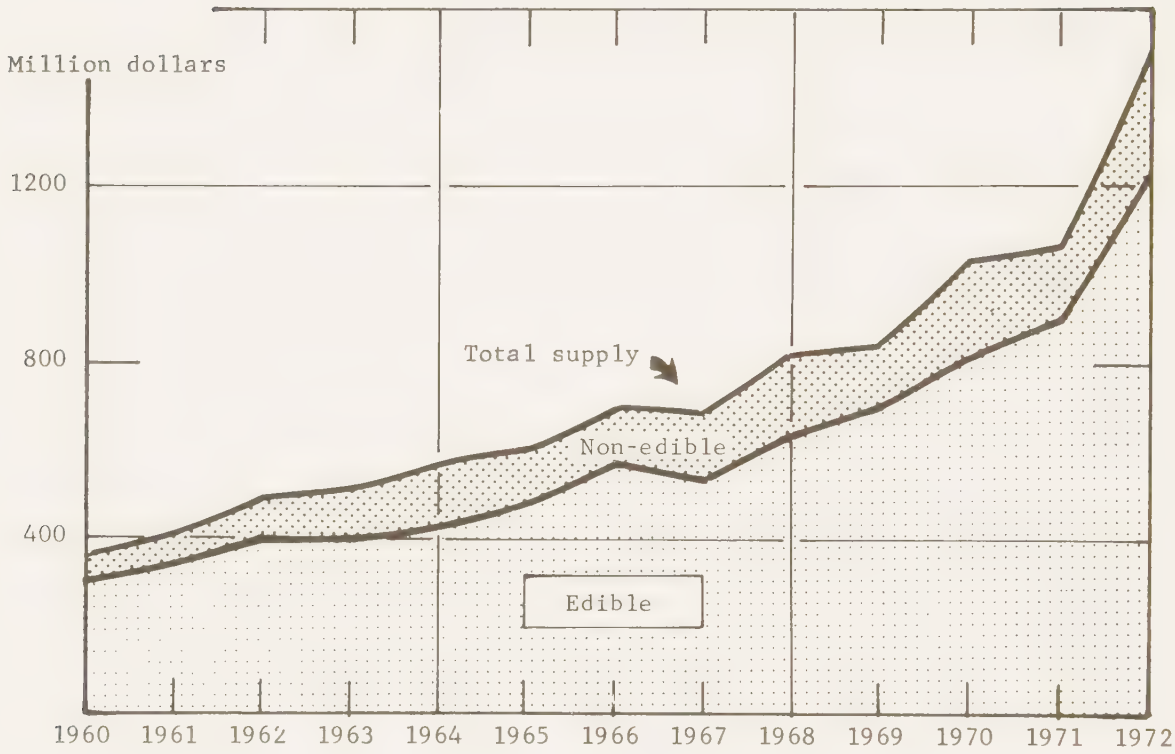
FOREIGN TRADE IN FISHERY PRODUCTS

Foreign trade in fishery products. . . .Total U.S. imports of edible and nonedible fishery products were valued at a record $1,494 million in 1972, a gain of $420 million or 39 percent over 1971. The value of edible imports increased to a record $1,233 million in 1972 as compared with the previous record of $887 million in 1971, a gain of 39 percent. The quantity of imported edible products increased to 2,341 million pounds--up 31 percent from 1971. The value of nonedible imports rose from $187.1 million in 1971 to $261.1 million in 1972, an increase of 40 percent. New records were set in 1972 for imports of fresh and frozen fillets (other than groundfish), blocks and slabs, fresh and frozen tuna, scallops, and shrimp products. Imports in 1972 increased for fillets or steaks of a number of species including flatfish (flounders), groundfish, and halibut. There were also increases in canned sardines (in oil and not in oil), bonito and yellowtail (in oil and not in oil), and canned oysters. Imports declined, however, for fresh and frozen halibut (other than halibut fillets or steaks), canned lobster, and canned crab meat. Imports of fish meal and fish solubles were up in 1972 as compared with 1971, but imports of sperm whale oil were down sharply owing to the almost complete U.S. embargo on imports of whale products.

Total domestic exports were valued at a record $157.9 million in 1972--up 13 percent over 1971. Exports of edible products were 171.6 million pounds valued at $134.2 million in 1972--down less than 1 percent in quantity but up 18 percent in value over 1971. Exports of nonedible products were valued at $23.7 million, a decrease of 7 percent.

Compared with 1971, exports of edible domestic products declined largely because of decreased exports of fresh and frozen shrimp and various species of fresh and frozen fish. Exports of nonedible products decreased largely because of decreased exports of fish and marine oil and whale and sperm oil.

VALUE OF IMPORTS OF FISHERY PRODUCTS, 1960-72



U.S. COMMERCIAL LANDINGS BY SPECIES, 1971 AND 1972[1/]

Species	1971		1972		5-year average 1967-71
Fish	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars	Thousand pounds
Alewives:					
Atlantic and Gulf	29,351	577	27,814	601	53,450
Great Lakes	30,276	303	27,961	238	32,415
Anchovies	88,003	969	149,071	1,763	103,530
Bluefish	6,758	811	7,154	833	5,924
Bonito	20,038	1,852	22,855	1,721	16,623
Butterfish	3,568	617	1,620	395	4,287
Cod:					
Atlantic	52,824	6,345	46,254	7,887	51,434
Pacific	6,472	455	10,390	779	5,646
Croaker	12,102	1,422	16,780	1,838	6,894
Cusk	1,776	157	2,170	215	1,454
Flounders:					
Atlantic and Gulf:					
Blackback	22,551	3,207	20,296	4,364	23,016
Fluke	5,236	1,796	5,445	2,062	5,970
Yellowtail	62,807	9,003	72,186	12,603	66,742
Other	21,671	4,250	18,555	4,370	4,334
Pacific	44,285	3,935	52,285	5,363	45,638
Total	156,550	22,191	168,767	28,762	145,700
Groupers	7,508	1,534	7,634	1,983	7,941
Haddock	21,599	5,620	11,721	4,291	52,685
Hake:					
Pacific	10,691	107	4,189	42	13,296
Red	2,168	109	2,871	162	1,775
White	5,730	347	6,642	524	3,693
Halibut	28,651	6,709	26,834	13,153	32,481
Herring, sea:					
Atlantic	75,974	1,485	88,518	2,311	74,794
Pacific	11,463	384	13,448	1,150	15,723
Jack mackerel	59,099	2,360	52,800	2,217	50,692
Mackerel:					
Atlantic	5,448	272	4,587	361	7,700
Pacific	151	8	70	3	1,486
Menhaden:					
Atlantic	583,195	9,821	831,643	13,153	523,382
Gulf	1,606,878	26,186	1,107,124	18,061	1,098,998
Total	2,190,073	36,007	1,938,767	31,214	1,622,380
Mullet	28,787	2,604	32,848	2,787	31,935
Ocean perch:					
Atlantic	59,852	3,047	58,791	3,289	60,738
Pacific	10,843	704	9,752	591	13,659
Pollock	10,847	828	12,796	1,139	8,899
Rockfishes	24,674	1,524	30,539	1,912	26,565
Salmon, Pacific:					
Chinook or king	31,770	16,362	28,254	16,364	28,700
Chum or keta	52,153	6,821	54,514	10,252	46,058
Pink	87,334	12,034	55,414	8,903	103,501
Red or sockeye	104,314	30,644	48,218	14,582	93,111
Silver or coho	36,500	11,937	30,285	12,657	36,447
Total	312,071	77,798	216,685	62,758	307,817

See footnotes at end of table.

(Continued on next page)

U.S. LANDINGS

U.S. COMMERCIAL LANDINGS BY SPECIES, 1971 AND 1972[1/] - Continued

Species	1971		1972		5-year average 1967-71
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars	Thousand pounds
Sardine, Pacific	206	46	294	71	206
Scup or porgy	8,938	2,095	8,187	1,889	13,049
Sea bass:					
Black	2,821	707	3,146	940	4,266
White	988	347	800	280	1,055
Sea trout:					
Gray	11,156	1,051	15,840	1,412	6,199
Spotted	5,981	1,755	6,392	1,967	6,026
White	1,554	104	1,457	106	1,097
Sharks	673	58	685	70	1,819
Snapper:					
Red	8,785	4,318	8,572	4,938	10,609
Other	2,123	853	2,639	1,225	2,141
Striped bass	8,077	2,250	8,943	2,466	10,667
Tuna:					
Albacore	44,861	14,062	58,171	19,701	50,682
Bluefin	22,224	4,306	28,643	6,417	18,055
Little	22	5	33	6	90
Skipjack	115,280	21,753	46,820	9,576	87,916
Yellowfin	165,165	34,951	243,902	54,233	180,885
Unclassified	488	439	-	-	103
Total	348,040	75,516	377,569	89,933	337,731
Warsaw	239	34	190	29	209
Whiting	33,201	2,106	26,711	2,382	54,347
Wolffish	601	42	673	45	543
Other fish	347,262	32,349	352,623	34,845	-
Total fish	4,053,992	300,777	3,815,049	317,517	-
Shellfish et al.					
Clams:					
Hard	17,216	17,025	16,336	18,501	16,206
Soft	11,829	6,467	8,769	5,252	11,680
Surf	52,552	6,905	63,441	7,931	51,010
Other	1,062	143	554	175	1,374
Total	82,659	30,540	89,100	31,859	80,270
Crabs:					
Blue, hard	145,125	12,459	145,356	14,194	136,288
Dungeness	42,679	10,447	26,917	11,871	48,330
King	70,365	24,683	74,010	25,896	77,982
Snow	12,710	1,779	28,994	4,056	8,351
Other	5,495	2,288	5,800	2,593	6,574
Total	276,374	51,656	281,077	58,610	277,525
Lobsters:					
American (northern)	33,347	35,066	29,278	36,052	32,118
Spiny	8,439	7,907	11,199	11,582	7,982
Oysters	54,585	30,426	52,546	33,819	56,446
Scallops:					
Bay	1,455	2,428	479	786	1,574
Calico	1,566	783	1,342	843	1,019
Sea	6,264	8,829	6,995	12,625	9,386

See footnotes at end of table. (Continued on next page)

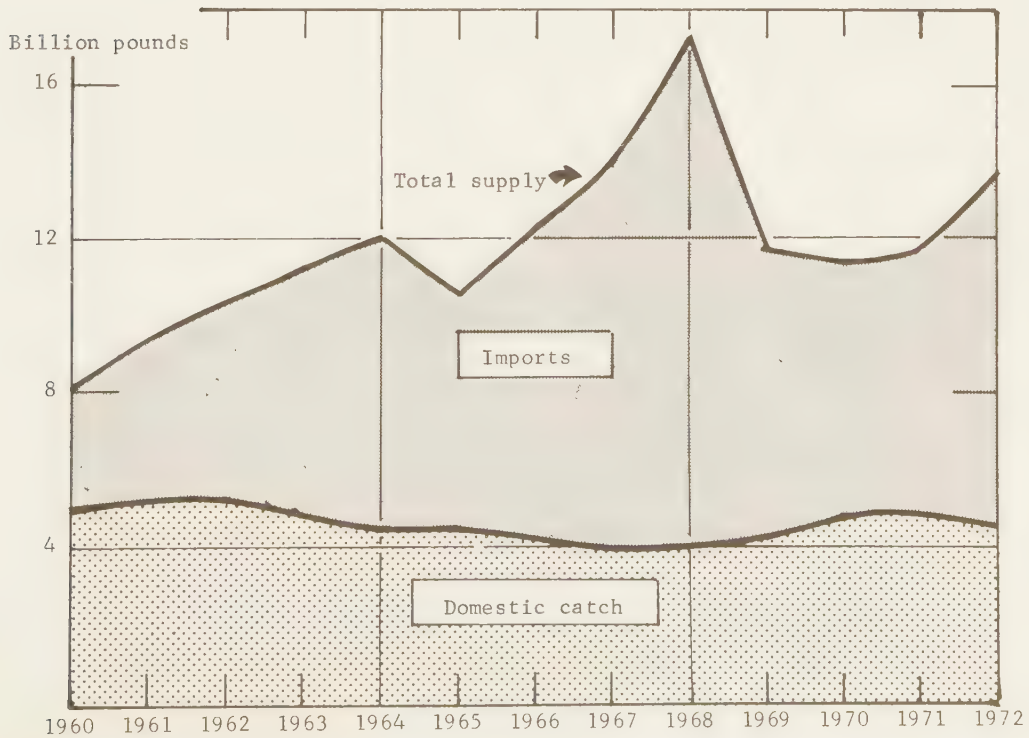
U.S. COMMERCIAL LANDINGS BY SPECIES, 1971 AND 1972[1/] - Continued

Species	1971		1972		5-year average 1967-71
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars	Thousand pounds
Shrimp:					
New England	24,684	4,650	24,526	4,598	19,608
South Atlantic	30,647	20,615	25,905	18,528	24,689
Gulf	227,083	136,017	228,488	163,417	217,548
Pacific	105,515	5,324	106,031	6,644	74,354
Other	3	4	2	1	3
Total	387,932	166,610	384,952	193,188	336,202
Squid	37,523	827	23,149	985	28,161
Other shellfish et al.	25,264	7,351	15,234	5,734	-
Total shellfish et al.	915,408	342,423	895,351	386,083	-
Grand total	4,969,400	643,200	4,710,400	703,600	-

1/ Statistics on landings are shown in round (live) weight of all items except univalve and bivalve mollusks such as clams, oysters, and scallops, which are shown in weight of meats, excluding the shell.

Note:--Does not include landings by U.S. flag vessels at Puerto Rico or other ports outside continental United States and Hawaii. Does not include production of artificially cultivated fish and shellfish. Data are preliminary.

TOTAL U.S. SUPPLY OF FISHERY PRODUCTS, 1960-72
(Round weight basis)



LANDINGS OF FISH AND SHELLFISH BY U.S. FISHING CRAFT: BY SPECIES, BY DISTANCE CAUGHT OFF U.S. SHORES, AND CAUGHT IN INTERNATIONAL WATERS OFF FOREIGN SHORES, 1972 1/

Species	Distance caught off U.S. shores						Caught in international waters off foreign shores		Total	
	0 to 3 miles		3 to 12 miles		Greater than 12 miles					
Fish	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
Alewives:										
Atlantic and Gulf	27,814	601	-	-	-	-	-	-	27,814	601
Great Lakes	6,990	60	11,185	95	9,786	83	-	-	27,961	238
Anchovies	4,735	89	137,491	1,595	6,845	79	-	-	149,071	1,763
Bluefish	5,749	633	1,179	171	226	29	-	-	7,154	833
Bonito	6,515	496	5,182	389	144	10	11,014	826	22,855	1,721
Butterfish	805	197	315	72	500	126	-	-	1,620	395
Cod:										
Atlantic	2,697	320	15,015	2,337	28,378	5,202	164	28	46,254	7,887
Pacific	1,869	143	2,201	166	5,232	388	1,088	82	10,390	779
Croaker	5,586	476	10,791	1,311	403	51	-	-	16,780	1,838
Cusk	180	17	776	76	1,210	122	4	(2)	2,170	215
Flounders:										
Atlantic and Gulf										
Blackback	2,820	453	5,401	933	12,072	2,977	3	1	20,296	4,364
Fluke	1,116	400	2,786	1,032	1,543	630	-	-	5,445	2,062
Yellowtail	5,350	598	7,129	1,072	59,705	10,933	2	(2)	72,186	12,603
Other	6,034	1,600	3,816	779	8,676	1,984	29	7	18,555	4,370
Pacific	3,860	398	21,765	2,318	24,533	2,413	2,127	234	52,285	5,363
Total	19,180	3,449	40,897	6,134	106,529	18,937	2,161	242	168,767	28,762
Groupers	277	75	1,285	337	5,649	1,473	423	98	7,634	1,983
Haddock	158	49	1,416	538	10,005	3,659	142	45	11,721	4,291
Hake:										
Pacific	4,183	42	1	(2)	5	(2)	-	-	4,189	42
Red	523	31	1,508	80	840	51	-	-	2,871	162
White	1,302	71	1,904	132	3,424	320	12	1	6,642	524
Halibut	2,950	1,437	6,332	3,122	17,506	8,573	46	21	26,834	13,153
Herring, sea:										
Atlantic	55,085	1,639	29,039	569	4,394	103	-	-	88,518	2,311
Pacific	13,448	1,150	-	-	-	-	-	-	13,448	1,150
Jack mackerel	12,672	532	16,474	692	23,654	993	-	-	52,800	2,217
Mackerel:										
Atlantic	2,107	191	1,455	78	1,025	92	-	-	4,587	361
Pacific	25	1	42	2	3	(2)	-	-	70	3

See footnotes at end of table.

(Continued on next page)

LANDINGS OF FISH AND SHELLFISH BY U.S. FISHING CRAFT: BY SPECIES, BY DISTANCE CAUGHT OFF U.S. SHORES, AND CAUGHT IN INTERNATIONAL WATERS OFF FOREIGN SHORES, 1972 1/ - Continued

Species	Distance caught off U.S. shores						Caught in international waters off foreign shores		Total	
	0 to 3 miles		3 to 12 miles		Greater than 12 miles					
Fish	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
Menhaden:										
Atlantic	686,367	11,076	145,249	2,077	27	(2)	-	-	831,643	13,153
Gulf	921,473	15,036	179,237	2,920	6,414	105	-	-	1,107,124	18,061
Total	1,607,840	26,112	324,486	4,997	6,441	105	-	-	1,938,767	31,214
Mullet	31,848	2,700	1,000	87	-	-	-	-	32,848	2,787
Ocean perch:										
Atlantic	208	11	673	36	56,427	3,173	1,483	69	58,791	3,289
Pacific	-	-	417	25	2,773	172	6,562	394	9,752	591
Pollock	401	18	3,843	240	8,256	852	296	29	12,796	1,139
Rockfishes	1,425	92	13,668	839	13,276	820	2,170	161	30,539	1,912
Salmon:										
Chinook or king	19,562	10,829	6,085	3,883	2,486	1,561	121	91	28,254	16,364
Chum or keta	54,514	10,252	-	-	-	-	-	-	54,514	10,252
Pink	52,632	8,455	2,774	446	-	-	8	2	55,414	8,903
Red or sockeye	48,218	14,582	-	-	-	-	-	-	48,218	14,582
Silver or coho	21,179	7,936	6,824	3,439	2,222	1,246	60	36	30,285	12,657
Total	196,105	52,054	15,683	7,768	4,708	2,807	189	129	216,685	62,758
Sardine, Pacific	199	48	75	18	20	5	-	-	294	71
Scup or porgy	1,086	335	1,186	405	5,915	1,149	-	-	8,187	1,889
Sea bass:										
Black	199	54	408	124	2,447	741	92	21	3,146	940
White	504	177	31	11	1	(2)	264	92	800	280
Sea trout:										
Gray	13,239	1,119	2,483	285	118	8	-	-	15,840	1,412
Spotted	6,045	1,850	347	117	-	-	-	-	6,392	1,967
White	529	44	889	58	39	4	-	-	1,457	106
Sharks	283	30	317	31	55	5	30	4	685	70
Snapper:										
Red	143	138	823	445	5,872	3,507	1,734	848	8,572	4,938
Other	140	68	1,368	617	1,064	510	67	30	2,639	1,225
Striped bass	8,113	2,205	802	253	28	8	-	-	8,943	2,466

See footnotes at end of table.

(Continued on next page)

LANDINGS OF FISH AND SHELLFISH BY U.S. FISHING CRAFT: BY SPECIES, BY DISTANCE CAUGHT OFF U.S. SHORES, AND CAUGHT IN INTERNATIONAL WATERS OFF FOREIGN SHORES, 1972 1/ - Continued

Species	Distance caught off U.S. shores						Caught in international waters off foreign shores		Total	
	0 to 3 miles		3 to 12 miles		Greater than 12 miles					
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
Tuna:										
Albacore	-	-	193	66	48,281	16,356	9,789	3,310	58,263	19,732
Bluefin	570	91	971	185	3,290	1,117	24,908	5,255	29,739	6,648
Little	20	3	11	2	2	1	-	-	33	6
Skipjack	106	23	3,258	704	7,680	1,659	77,400	14,787	88,444	17,173
Yellowfin	324	109	975	326	1,951	653	344,646	75,982	347,896	77,070
Total	1,020	226	5,408	1,283	61,204	19,786	456,743	99,334	524,375	120,629
Warsaw	-	-	16	3	145	22	29	4	190	29
Whiting	3,503	302	13,004	1,164	10,204	916	-	-	26,711	2,382
Wolffish	21	1	261	16	379	27	12	1	673	45
Other fish	219,901	24,101	100,436	7,936	31,470	2,703	816	105	352,623	34,845
Total fish	2,267,602	123,384	772,112	44,654	436,600	77,611	485,541	102,564	3,961,855	348,213
Shellfish, et al.										
Clams:										
Hard	16,336	18,501	-	-	-	-	-	-	16,336	18,501
Soft	8,769	5,252	-	-	-	-	-	-	8,769	5,252
Surf	8,169	943	16,848	1,914	38,424	5,074	-	-	63,441	7,931
Other	554	175	-	-	-	-	-	-	554	175
Total	33,828	24,871	16,848	1,914	38,424	5,074	-	-	89,100	31,859
Crabs:										
Blue, hard	145,349	14,194	-	-	7	(2)	-	-	145,356	14,194
Dungeness	19,219	8,356	7,648	3,495	50	20	-	-	26,917	11,871
King	14,802	5,179	44,406	15,538	14,802	5,179	-	-	74,010	25,896
Snow	4,349	608	24,645	3,448	-	-	-	-	28,994	4,056
Other	4,267	1,798	644	369	889	426	-	-	5,800	2,593
Total	187,986	30,135	77,343	22,850	15,748	5,625	-	-	281,077	58,610
Lobsters:										
American (Northern)	21,088	24,965	442	653	7,748	10,434	-	-	29,278	36,052
Spiny	1,404	1,518	2,201	2,267	612	630	8,182	8,167	12,399	12,582
Oysters	52,546	33,819	-	-	-	-	-	-	52,546	33,819

See footnotes at end of table.

(Continued on next page)

LANDINGS OF FISH AND SHELLFISH BY U.S. FISHING CRAFT: BY SPECIES, BY DISTANCE CAUGHT OFF U.S. SHORES, AND CAUGHT IN INTERNATIONAL WATERS OFF FOREIGN SHORES, 1972 1/ - Continued

Species	Distance caught off U.S. shores						Caught in international waters off foreign shores		Total	
	0 to 3 miles		3 to 12 miles		Greater than 12 miles					
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
Scallops:										
Bay	479	786	-	-	-	-	-	-	479	786
Calico	-	-	27	12	1,315	831	-	-	1,342	843
Sea	1,191	2,045	538	638	5,266	9,942	-	-	6,995	12,625
Shrimp (heads on):										
New England	7,055	1,344	7,810	1,469	9,661	1,785	-	-	24,526	4,598
South Atlantic	23,663	16,861	1,942	1,442	300	225	-	-	25,905	18,528
Gulf 3/	58,478	20,421	44,383	31,937	108,155	96,271	53,166	44,992	264,182	193,621
Pacific	49,649	2,017	44,415	3,002	11,967	1,625	-	-	106,031	6,644
Other	2	1	-	-	-	-	-	-	2	1
Total	138,847	40,644	98,550	37,850	130,083	99,906	53,166	44,992	420,646	223,392
Squid	19,619	605	2,355	198	1,175	182	-	-	23,149	985
Other shellfish	14,947	5,678	198	42	88	14	1	(2)	15,234	5,734
Total shellfish	471,935	165,066	198,502	66,424	200,459	132,638	61,349	53,159	932,245	417,287
Grand total	2,739,537	288,450	970,614	111,078	637,059	210,249	546,890	155,723	4,894,100	765,500

1/ Data include landings by U.S. flag vessels at Puerto Rico and other ports outside continental United States and Hawaii--therefore will not agree with table on page 15.
2/ Less than $500.
3/ Includes shrimp landed at Gulf coast and foreign ports.

Note:--Statistics on landings are shown in round (live) weight of all items except univalve and bivalve mollusks such as clams, oysters, and scallops, which are shown in weight of meats, excluding the shell. Does not include production of artificially cultivated fish and shellfish.

U.S. LANDINGS

U.S. COMMERCIAL LANDINGS BY STATES, 1971 AND 1972 1/

State	1971		1972		Record landings	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars	Year	Thousand pounds
Alabama	2/ 36,727	2/ 14,141	2/ 39,564	2/ 18,326	1972	39,564
Alaska	449,089	84,504	390,137	80,733	1936	932,341
Arkansas	9,428	1,950	(3)	(3)	-	(4)
California	585,484	87,172	639,764	91,898	1936	1,760,183
Connecticut	7,261	1,775	4,911	1,498	1930	88,012
Delaware	9,031	1,490	10,648	1,869	1953	367,500
Florida	173,904	45,154	176,271	55,711	1938	241,443
Georgia	18,409	7,478	17,544	6,802	1927	47,607
Hawaii	17,177	5,159	14,686	5,097	1954	20,610
Idaho	1,329	317	1,400	336	-	(4)
Illinois	2/ 5,172	2/ 715	2/ 5,701	2/ 686	-	(4)
Indiana	2/ 1,034	2/ 155	2/ 858	2/ 181	-	(4)
Iowa	3,369	348	3,518	352	-	(4)
Kansas	40	12	36	10	-	(4)
Kentucky	(3)	(3)	(3)	(3)	-	(4)
Louisiana	2/ 1,396,214	2/ 72,630	2/ 1,070,597	2/ 71,916	1971	1,396,214
Maine	142,619	31,068	149,271	34,819	1950	356,266
Maryland	72,680	18,441	67,636	18,261	1890	141,607
Massachusetts	273,064	45,970	248,035	48,052	1948	649,696
Michigan	19,137	2,671	14,213	2,985	1930	35,580
Minnesota	2/ 12,011	2/ 1,367	2/ 11,583	2/ 981	-	(4)
Mississippi	2/ 397,605	2/ 13,380	2/ 260,216	2/ 11,897	1971	397,605
Missouri	773	148	790	150	-	(4)
Montana	705	110	718	108	-	(4)
Nebraska	174	12	179	13	-	(4)
New Hampshire	1,296	841	1,442	1,133	-	(4)
New Jersey	114,416	12,025	190,517	14,423	1956	540,060
New York	36,617	18,676	37,377	22,123	1880	2/ 335,000
North Carolina	143,475	11,227	175,410	11,827	1959	342,612
North Dakota	364	39	395	40	-	(4)
Ohio	2/ 9,045	2/ 1,225	2/ 7,939	2/ 1,026	1936	31,083
Oklahoma	(3)	(3)	(3)	(3)	-	(4)
Oregon	75,770	16,226	92,923	24,024	1970	98,089
Pennsylvania	451	46	357	111	-	(4)
Rhode Island	84,553	12,398	86,376	12,443	1889	128,056
South Carolina	24,642	8,373	22,365	7,961	1965	26,611
South Dakota	3,013	235	3,159	253	-	(4)
Tennessee	(3)	(3)	(3)	(3)	-	(4)
Texas	2/ 168,682	2/ 70,037	2/ 117,000	2/ 85,011	1960	237,684
Virginia	488,981	21,937	663,845	25,992	1972	663,845
Washington	130,449	30,238	120,458	38,496	1941	197,253
Wisconsin	2/ 42,875	2/ 2,352	2/ 43,661	2/ 2,521	-	(4)
Wyoming	-	-	144	(5)	-	(4)
--	6/ 12,335	6/ 1,158	6/ 18,756	6/ 3,535	-	-
Total	4,969,400	643,200	4,710,400	703,600	-	-

1/ Statistics on landings are shown in round (live) weight of all items except univalve and bivalve mollusks such as clams, oysters, and scallops, which are shown in weight of meats, excluding the shell.

2/ Catch in interior waters estimated.

3/ Data not available.

4/ Not determined.

5/ Less than $500.

6/ Data by State not available.

Note: Does not include landings by U.S. flag vessels at Puerto Rico or other ports outside continental United States and Hawaii. Does not include production of artificially cultivated fish and shellfish. Data are preliminary.

U.S. COMMERCIAL LANDINGS BY REGIONS, 1971 AND 1972

Region	1971		1972	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
New England and Middle Atlantic	668,364	124,135	728,098	136,232
Chesapeake	561,661	40,378	731,481	44,253
South Atlantic	255,203	41,306	284,168	44,309
Gulf	2,096,926	199,851	1,584,799	223,419
Alaska	449,089	84,504	390,137	80,733
Washington and Oregon	206,219	46,464	213,381	62,520
California	585,484	87,172	639,764	91,898
Great Lakes and Mississippi River	129,277	14,231	123,886	15,139
Hawaii	17,177	5,159	14,686	5,097
Total	4,969,400	643,200	4,710,400	703,600

Note:--Data are preliminary.

QUANTITY AND VALUE OF LANDINGS AT CERTAIN U.S. PORTS, 1972

Port	Thousand pounds	Port	Thousand dollars
San Pedro, Calif.	452,392	San Pedro, Calif.	*58,958
Cameron, La.	394,500	Brownsville-Port Isabel, Tex.	28,500
Pascagoula-Moss Point, Miss.	205,000	Aransas Pass-Rockport, Tex.	21,900
Dulac-Chauvin, La.	183,000	New Bedford, Mass.	18,333
Empire, La.	134,000	San Diego, Calif.	15,853
Morgan City, La.	128,600	Kodiak, Alaska	15,299
Kodiak, Alaska	119,068	Freeport, Tex.	15,200
Gloucester, Mass.	113,268	Dulac-Chauvin, La.	14,000
San Diego, Calif.	72,110	Bayou La Batre, Ala.	13,600
New Bedford, Mass.	60,209	Cameron, La.	11,200
Beaufort-Morehead City, N.C.	56,919	Gloucester, Mass.	9,773
Point Judith, R.I.	50,031	Golden Meadow-Leeville, La.	9,100
Golden Meadow-Leeville, La.	37,900	Morgan City, La.	8,100
Brownsville-Port Isabel, Tex.	35,500	Empire, La.	7,700
Rockland, Maine	30,900	Pascagoula-Moss Point, Miss.	6,500
Cape May, N.J.	28,966	Boston, Mass.	5,859
Bayou La Batre, Ala.	26,400	Point Judith, R.I.	5,322
Aransas Pass-Rockport, Tex.	25,900	Newport, R.I.	4,909

*Record.

Note:--Reedville, Va., Southport, N.C., Port Monmouth, N.J., and Intercoastal City, La., are not listed in the above table to avoid disclosure of private enterprise. Data are based on latest available information and are not intended to show the relative position of all ports in the United States. Record landings of 848 million pounds of fish and shellfish were made in the San Pedro area in 1950.

U.S. LANDINGS

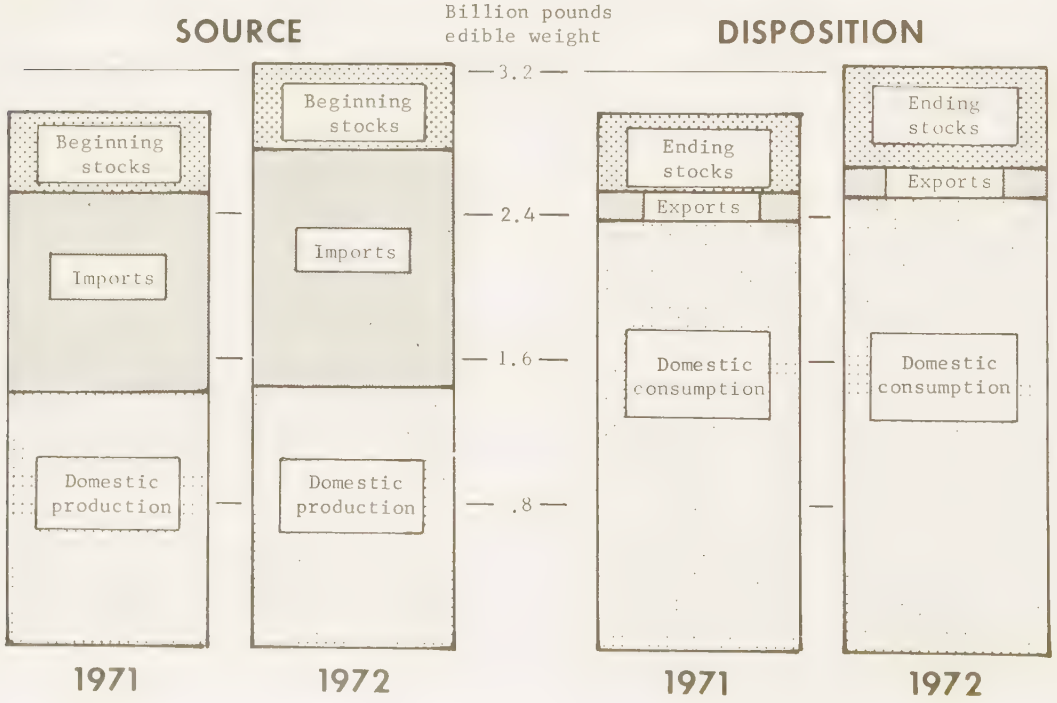
U.S. LANDINGS OF FISH AND SHELLFISH, 1960-72 1/

Year	Landings for human food		Landings for industrial products 2/		Total	
	Million pounds	Million dollars	Million pounds	Million dollars	Million pounds	Million dollars
1960	2,498	(3)	2,444	(3)	4,942	354
1961	2,490	(3)	2,697	(3)	5,187	362
1962	2,540	(3)	* 2,814	(3)	* 5,354	396
1963	2,556	(3)	2,291	(3)	4,847	377
1964	2,497	(3)	2,044	(3)	4,541	389
1965	2,587	409	2,190	37	4,777	446
1966	2,573	437	1,793	35	4,366	472
1967	2,368	414	1,687	26	4,055	440
1968	2,347	468	1,813	29	4,160	497
1969	2,321	492	2,016	35	4,337	527
1970	2,537	565	2,380	*48	4,917	613
1971	2,400	595	2,569	*48	4,969	643
1972	2,310	*658	2,400	46	4,710	*704

1/ Statistics on landings are shown in round (live) weight of all items except univalve and bivalve mollusks such as clams, oysters, and scallops, which are shown in weight of meats, excluding the shell.
2/ Processed into meal, oil, fish solubles, shell products, and used as bait and animal food.
3/ Data not available.
* Record

Note:--A record 3.3 billion pounds of fish and shellfish were used for human food in 1950. Does not include landings by U.S. flag vessels at Puerto Rico or other ports outside continental United States and Hawaii. Does not include production of artificially cultivated fish and shellfish.

SOURCE AND DISPOSITION OF EDIBLE FISHERY PRODUCTS, 1971-72



RELATIVE VOLUME OF THE LANDINGS, BY SPECIES, 1970

Species	Quantity	Percent of total	Record landings and year	
	Thousand pounds	Percent	Year	Thousand pounds
Menhaden	1,837,493	37.4	1962	2,347,944
Salmon	412,424	8.4	1936	643,700
Tuna	393,494	8.0	1950	403,372
Shrimp	367,468	7.5	1970	367,468
Crabs	277,218	5.6	1966	372,425
Anchovies	192,939	3.9	1970	192,939
Flounders	168,545	3.4	1965	180,121
Industrial fish 1/	160,952	3.3	1965	265,438
Clams	99,204	2.0	1970	99,204
Herring, sea:				
Atlantic	66,741	1.4	1902	200,598
Pacific	21,[illegible]	.4	1937	263,200
Total	88,559	1.8	-	-
Alewives	69,339	1.4	1967	101,127
Cod:				
Atlantic	53,225	1.0	1880	294,351
Pacific	2,984	.1	1915	32,681
Total	56,209	1.1	-	-
Ocean perch, Atlantic	53,299	1.1	1951	258,320
Oysters	53,662	1.1	2/ 1908	152,046
Jack mackerel	47,747	1.0	1952	146,522
Whiting	44,516	.9	1957	133,041
Catfish and bullheads	35,217	.7	1963	38,614
Halibut, Pacific	34,547	.7	1915	66,696
Lobsters, American	34,152	.7	1970	34,152
Mullet	31,324	.6	1902	43,385
Rockfishes	27,610	.6	1945	57,686
Mackerels	27,362	.6	(3)	(3)
Haddock	26,889	.5	1929	293,809
Carp	26,562	.5	1908	43,659
Buffalofish	22,589	.4	1950	25,873
Ocean perch, Pacific	15,266	.3	1965	28,352
Striped bass	11,186	.2	1969	12,437
Clubs	11,053	.2	1960	16,854
Scup or porgy	10,564	.2	1960	49,229
Lobsters, spiny	10,345	.2	1970	10,345
Spot	10,287	.2	1952	15,863
Shad	9,437	.2	1890	43,000
Bonito	9,375	.2	1967	21,268
Pollock	9,218	.2	1938	40,694
Snapper, red	9,146	.2	1902	23,457
Hake, Pacific	9,019	.2	1967	28,818
Croaker	8,449	.2	1945	64,668
Groupers	8,202	.2	1965	9,570
Sea trout or weakfish, gray	7,627	.2	1945	41,420
Scallops, sea	7,304	.1	1961	27,461
Bluefish	7,263	.1	4/ 1897	22,673
Sheepshead, fresh-water	6,391	.1	1959	13,644
Sablefish	6,474	.1	1945	17,750
Unclassified	139,243	2.8	-	-
Grand total	4,917,226	100.0	-	-

1/ Unclassified species for bait, reduction, and animal food. 2/ First year in which an oyster survey was made in all regions. 3/ Data not available. 4/ Includes data on New England landings in 1898.

U.S. LANDINGS

RELATIVE VALUE OF THE LANDINGS, BY SPECIES, 1970

Species	Value	Percent of total	Record value and year	
	Thousand dollars	Percent	Year	Thousand dollars
Shrimp	129,758	21.2	1970	129,758
Salmon	99,037	16.1	1970	99,037
Tuna	74,963	12.2	1970	74,963
Crabs	39,238	6.4	1968	44,433
Menhaden	34,084	5.6	1970	34,084
Lobsters, American	33,464	5.5	1970	33,464
Oysters	29,485	4.8	1961	33,204
Clams	28,791	4.7	1970	28,791
Flounders	23,075	3.8	1970	23,075
Scallops, sea	12,403	2.0	1968	14,976
Halibut, Pacific	8,834	1.4	1962	11,576
Catfish and bullheads	8,241	1.3	1970	8,241
Lobsters, spiny	6,332	1.0	1970	6,332
Haddock	6,045	1.0	1966	13,943
Cod:				
Atlantic	5,742	.9	1970	5,742
Pacific	200	.1	1959	664
Total	5,942	1.0	-	-
Snapper, red	4,231	.7	1969	4,464
Whiting	3,889	.6	1970	3,889
Mackerels	3,276	.5	(1)	(1)
Buffalofish	3,081	.5	1952	3,564
Ocean perch, Atlantic	2,724	.4	1951	12,597
Industrial fish 2/	2,602	.4	1967	3,136
Mullet	2,580	.4	1945	4,647
Striped bass	2,529	.4	1970	2,529
Scup or porgy	2,351	.4	1966	3,326
Anchovies	2,173	.3	1970	2,173
Chubs	1,926	.3	1958	2,564
Jack mackerel	1,881	.3	1952	4,755
Rockfishes	1,832	.3	1945	2,648
Herring, sea:				
Atlantic	1,174	.2	1948	3,798
Pacific	653	.1	1947	2,152
Total	1,827	.3	-	-
Sea trout or weakfish, spotted	1,735	.3	1952	1,781
Groupers	1,523	.2	1969	1,612
Whitefish, common	1,362	.2	1948	3,784
Pompano	1,344	.2	1970	1,344
Bloodworms	1,216	.2	1970	1,216
Alewives	1,096	.2	1967	1,551
Spot	1,064	.2	1970	1,064
Croaker	1,059	.2	1945	6,958
Shad	1,053	.2	1945	2,680
Carp	1,025	.2	1951	2,007
Sea bass, black(Atlantic)	986	.2	1952	5,206
Crawfish, fresh-water	969	.2	1969	1,571
Unclassified	22,120	3.7	-	-
Grand total	613,146	100.0	-	-

1/ Data not available.

2/ Unclassified species for bait, reduction, and animal food.

DISPOSITION OF LANDINGS, 1971 and 1972

End use	1971		1972	
	Million pounds	Percent	Million pounds	Percent
Fresh and frozen:				
For human food	1,398	28.1	1,441	30.6
For bait and animal food	89	1.8	95	2.0
Total	1,487	29.9	1,536	32.6
Canned:				
For human food	927	18.7	798	16.9
For bait and animal food	136	2.7	117	2.5
Total	1,063	21.4	915	19.4
Cured	75	1.5	71	1.5
Reduction to meal, oil, etc.	2,344	47.2	2,188	46.5
Grand total	4,969	100.0	4,710	100.0

Note:--Data are preliminary.

MONTHLY LANDINGS AND UTILIZATION OF FISH AND SHELLFISH, 1972

Month	Landings for human food		Landings for industrial products 1/		Total	
	Million pounds	Percent	Million pounds	Percent	Million pounds	Percent
January	99	4.3	44	1.9	143	3.0
February	116	5.0	35	1.5	151	3.2
March	146	6.4	28	1.3	174	3.7
April	162	7.0	88	3.7	250	5.3
May	217	9.4	335	14.0	552	11.7
June	234	10.1	344	14.0	578	12.3
July	322	14.0	393	16.4	715	15.2
August	328	14.2	492	20.5	820	17.4
September	216	9.2	266	11.1	482	10.2
October	192	8.3	218	9.1	410	8.7
November	154	6.7	108	4.5	262	5.6
December	124	5.4	49	2.1	173	3.7
Total	2,310	100.0	2,400	100.0	4,710	100.0

1/ Manufactured into meal, oil, solubles, shell products, and used as bait and animal food.

U.S. LANDINGS

TAKE OF PRIBILOF ISLANDS SEALSKINS, 1960-72

Year	Skins taken		
	Male	Female	Total
	Number		
1960	36,320	4,296	40,616
1961	82,099	13,875	95,974
1962	53,460	24,455	77,915
1963	42,278	42,976	85,254
1964	48,223	15,983	64,206
1965	41,216	9,804	51,020
1966	52,866	-	52,866
1967	55,638	10,034	65,672
1968	45,437	13,095	58,532
1969	38,610	195	38,805
1970	42,060	119	42,179
1971	31,740	-	31,740
1972	37,146	75	37,221

AVERAGE VALUE OF PRIBILOF ISLANDS SEALSKINS, 1960-72

Year	Dressed, dyed, machined, and finished				Sheared	
	Male		Female		Female	
	Spring sale	Fall sale	Spring sale	Fall sale	Spring sale	Fall sale
	Dollars per skin					
1960	101.66	104.35	-	-	-	36.05
1961	87.94	86.69	-	-	11.99	41.05
1962	106.42	107.53	-	-	44.33	48.40
1963	122.52	1/111.72	-	(1)	43.09	40.63
1964	105.45	85.56	71.16	64.34	48.82	59.65
1965	116.36	2/103.78	89.21	(2)	47.68	60.80
1966	3/127.99	4/105.93	(3)	(4)	77.22	62.85
1967	5/ 90.30	6/ 80.22	(5)	(6)	48.86	82.43
1968	113.48	91.36	98.71	64.49	50.51	54.88
1969	104.55	76.02	69.40	63.11	46.25	43.98
1970	79.22	82.56	71.23	73.86	34.04	40.37
1971	78.95	68.90	72.90	71.77	38.44	76.55
1972	102.74	91.80	-	-	59.38	67.19

1/ A total of 4,668 female skins were sold with the male skins. 2/ A total of 1,870 female skins were sold with the male skins. 3/ A total of 2,537 female skins were sold with the male skins. 4/ A total of 3,395 female skins were sold with the male skins. 5/ A total of 3,073 female skins were sold with the male skins. 6/ A total of 3,118 female skins were sold with the male skins. Note:--The skins sold were taken several years prior to the date of sale.

CATCH OF FISH, CRUSTACEANS, MOLLUSKS, AND OTHER AQUATIC PLANTS AND ANIMALS, BY LEADING COUNTRIES, 1956-71
(Live weight basis)

Year	Country	Million pounds	Year	Country	Million pounds
1956:			1964:		
	Japan	10,522		Peru	20,550
	United States	6,574		Japan	14,001
	China (Mainland)	5,838		China (Mainland)	10,505
	Union of Soviet Socialist Republics	5,767		Union of Soviet Socialist Republics	9,867
	Norway	4,822		United States	5,773
1957:			1965:		
	Japan	11,921		Peru	16,825
	China (Mainland)	6,878		Japan	15,229
	United States	6,074		China (Mainland)	11,757
	Union of Soviet Socialist Republics	5,580		Union of Soviet Socialist Republics	11,243
	Norway	3,849		United States	6,006
1958:			1966:		
	Japan	12,136		Peru	19,499
	China (Mainland)	8,951		Japan	15,657
	United States	5,960		China (Mainland)	12,414
	Union of Soviet Socialist Republics	5,778		Union of Soviet Socialist Republics	11,792
	Norway	3,180		Norway	6,329
1959:			1967:		
	Japan	12,972		Peru	22,484
	China (Mainland)	11,067		Japan	17,307
	United States	6,373		Union of Soviet Socialist Republics	12,736
	Union of Soviet Socialist Republics	6,076		China (Mainland)	11,435
	Peru	5,101		Norway	7,200
1960:			1968:		
	Japan	13,652		Peru	23,271
	China (Mainland)	12,787		Japan	19,113
	Peru	8,217		Union of Soviet Socialist Republics	13,409
	Union of Soviet Socialist Republics	6,726		China (Mainland)	11,907
	United States	6,205		Norway	6,296
1961:			1969:		
	Japan	14,794		Peru	20,378
	China (Mainland) 1/	12,787		Japan	18,989
	Peru	12,016		Union of Soviet Socialist Republics	14,324
	Union of Soviet Socialist Republics	7,165		China (Mainland)	12,202
	United States	6,464		Norway	5,491
1962:			1970:		
	Peru	15,793		Peru	27,807
	Japan	15,139		Japan	20,536
	Union of Soviet Socialist Republics	7,973		Union of Soviet Socialist Republics	15,988
	China (Mainland)	7,751		China (Mainland)	13,790
	United States	6,554		Norway	6,570
1963:			1971:		
	Peru	15,632		Peru	23,394
	Japan	14,768		Japan	21,815
	China (Mainland)	8,785		Union of Soviet Socialist Republics	16,175
	Union of Soviet Socialist Republics	8,768		China (Mainland)	15,168
	United States	6,122		Norway	6,779

1/ Data are for 1960.
Note:--Data reflect latest information published in the various volumes of Yearbook of Fishery Statistics, Food and Agriculture Organization of the United Nations.

CATCH OF FISH, CRUSTACEANS, MOLLUSKS, AND OTHER AQUATIC PLANTS AND ANIMALS, BY COUNTRIES, 1970 AND 1971

Country	1970[1]			1971		
	Thousand metric tons live weight	Million pounds live weight	Million dollars	Thousand metric tons live weight	Million pounds live weight	Million dollars
Japan	9,315	20,536	[2] 2,549	9,895	21,815	[2] 2,708
China, Peoples Republic of (Mainland)	6,255	13,790	[2] 1,713	6,880	15,168	[2] 1,955
Union of Soviet Socialist Republics	7,252	15,988	[2] 1,305	7,337	16,175	[2] 1,480
Philippines	990	2,183	434	1,050	2,315	651
United States	[3] 2,755	[3] 6,074	613	[3] 2,767	[3] 6,100	643
Spain	1,499	3,305	378	1,499	3,305	[2] 378
Indonesia	1,249	2,754	[2] 342	1,250	2,756	[2] 355
India	1,746	3,849	341	1,845	4,067	342
France	764	1,684	287	742	1,636	315
Korea, Republic of	934	2,059	211	1,074	2,368	283
Thailand	1,448	3,192	286	1,572	3,466	261
United Kingdom	1,099	2,423	188	1,107	2,440	255
Italy	387	853	222	391	862	252
Norway	2,980	6,570	197	3,075	6,779	238
Pakistan	420	926	238	417	919	[2] 236
China (Taiwan)	613	1,351	179	650	1,433	209
Korea, North	800	1,764	[2] 190	800	1,764	[2] 190
Canada	1,389	3,062	187	1,289	2,822	186
Peru	12,613	27,807	187	10,611	23,394	[2] 172
Vietnam, South	517	1,140	[2] 142	588	1,296	[2] 167
South Africa, Republic of	1,555	3,428	[2] 181	1,084	2,390	[2] 144
Denmark	1,226	2,703	114	1,401	3,089	142
Germany, Federal Republic of	613	1,351	106	508	1,120	123
Malaysia	365	805	94	390	860	114
Brazil	515	1,135	[2] 103	515	1,135	[2] 103
Poland	469	1,034	[2] 81	518	1,142	[2] 100
Mexico	357	787	91	402	886	95
Netherlands	301	663	78	321	708	94
Vietnam, North	300	661	[2] 82	300	661	[2] 83
Burma	432	952	87	443	977	80
Portugal	498	1,098	77	498	1,098	[2] 77
Iceland	734	1,168	68	685	1,510	[2] 63
Germany, East	319	703	[2] 55	323	712	[2] 63
Sweden	295	650	48	237	522	47
Chile	1,179	2,599	[2] 32	1,179	2,599	[2] 32
Morocco	256	564	18	229	505	19
Angola	368	811	8	368	811	[2] 8
All others [4]	4,793	11,018	1,013	5,160	11,395	1,337
Total	69,600	153,440	12,525	69,400	153,000	14,000

1/ Revised.

2/ Estimated by National Marine Fisheries Service, Statistics and Market News Division.

3/ Includes the weight of clam, oyster, scallop, and other mollusk shells. This weight is not included in other United States catch statistics.

4/ Residual.

Source:--Yearbook of Fishery Statistics, 1971, Vol. 32, Food and Agriculture Organization of the United Nations.

CATCH OF FISH, CRUSTACEANS, MOLLUSKS, AND OTHER AQUATIC PLANTS AND ANIMALS, BY CONTINENTS, 1970 AND 1971

Continent	1970[1]			1971		
	Thousand metric tons live weight	Million pounds live weight	Million dollars[2]	Thousand metric tons live weight	Million pounds live weight	Million dollars[2]
Asia	26,380	58,157	7,225	28,160	62,082	8,096
South America	14,850	32,728	400	12,880	28,395	390
Europe	11,960	26,367	2,073	12,100	26,676	2,343
Union of Soviet Socialist Republics	7,250	15,983	1,305	7,340	16,182	1,480
North and Central America	4,870	10,736	943	5,010	11,045	1,068
Africa	4,080	8,995	475	3,750	8,267	500
Oceania	200	441	103	210	463	125
Total[3]	69,600	153,440	12,525	69,400	153,000	14,000

1/ Revised. 2/ Estimated by National Marine Fisheries Service, Statistics and Market News Division. 3/ Figures will not add to totals because of rounding and conversion.

Source:--Yearbook of Fishery Statistics, 1971, Vol. 32, Food and Agriculture Organization of the United Nations.

CATCH OF FISH, CRUSTACEANS, MOLLUSKS, AND OTHER AQUATIC PLANTS AND ANIMALS, BY MAJOR FISHING AREAS, 1970 AND 1971

Area	1970[1]		1971	
	Thousand metric tons	Million pounds	Thousand metric tons	Million pounds
	Live weight			
Marine areas:				
Pacific Ocean and adjacent areas	34,280	75,574	33,530	73,920
Atlantic Ocean and adjacent areas	23,560	51,940	23,320	51,411
Indian Ocean and adjacent areas	2,770	6,107	3,060	6,746
Total	60,610	133,621	59,910	132,077
Inland waters:				
Asia	6,390	14,087	6,780	14,947
Africa	1,170	2,579	1,220	2,690
Union of Soviet Socialist Republics	850	1,874	940	2,072
South America	240	529	240	529
Europe	240	529	240	529
North and Central America	130	287	110	243
Oceania	(2)	(2)	(2)	(2)
Total	9,020	19,885	9,530	21,010
Grand total[3]	69,600	153,440	69,400	153,000

1/ Revised. 2/ Negligible. 3/ Figures will not add to grand total because of rounding.

Source:--Yearbook of Fishery Statistics, 1971, Vol. 32, Food and Agriculture Organization of the United Nations.

CATCH OF FISH, CRUSTACEANS, MOLLUSKS, AND OTHER AQUATIC PLANTS AND ANIMALS, BY SPECIES GROUPS, 1970 AND 1971

Species group	1970[1/]		1971	
	Thousand metric tons	Million pounds	Thousand metric tons	Million pounds
	Live weight			
Herring, sardines, anchovies, et al.	21,310	46,980	18,960	41,800
Cods, hakes, haddocks, et al.	10,420	22,972	10,730	23,655
Miscellaneous marine fishes	8,050	17,747	8,560	18,871
Fresh water fishes	8,320	18,342	8,850	19,511
Redfish, basses, congers, et al.	3,680	8,113	3,770	8,311
Mollusks	3,320	7,319	3,210	7,077
Mackerels, snoeks, cutlassfishes, et al.	3,150	6,944	3,270	7,209
Salmon, trouts, smelts, et al.	2,090	4,608	2,160	4,762
Tunas, bonitos, billfishes, et al.	1,610	3,549	1,600	3,527
Crustaceans	1,630	3,593	1,680	3,704
Flounders, halibuts, soles, et al.	1,300	2,866	1,360	2,998
Miscellaneous aquatic plants and animals	957	2,110	997	2,198
Shads, milkfishes, et al.	790	1,742	760	1,675
Sharks, rays, chimaeras, et al.	470	1,036	470	1,036
Jacks, mullets, sauries, et al.	2,370	5,225	2,900	6,393
Sea cucumbers, sea urchins, et al.	53	117	53	117
River eels	44	97	45	99
Sturgeons, paddlefishes, et al.	20	44	22	48
Total[2/]	69,600	153,440	69,400	153,000

1/ Revised.

2/ Figures will not add to totals because of rounding and conversion.

Source:--Yearbook of Fishery Statistics, 1971, Vol. 32, Food and Agriculture Organization of the United Nations.

ESTIMATED USE OF WORLD CATCH 1969 and 1970

Manner used	1969	1970
	Million pounds, live weight	
Marketed fresh	39,683	41,887
Frozen	18,960	20,944
Cured	17,637	17,857
Canned	12,786	13,669
Reduced to meal and oil	47,399	56,217
Miscellaneous purposes	2,204	2,205
Total	138,669	152,779

Source:--Yearbook of Fishery Statistics, 1970, Vol. 31, Food and Agriculture Organization of the United Nations. Revised data for 1970 and data for 1971 were not available when this publication went to press.

FISH FILLETS AND STEAKS

PRODUCTION OF FISH FILLETS AND STEAKS, 1972

Item	Fillets		Steaks		Total	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
Fresh	67,420	55,035	962	809	68,382	55,844
Frozen. . . .	43,783	21,079	10,290	11,325	54,073	32,404
Total . .	111,203	76,114	11,252	12,134	122,455	88,248

FISH STICKS, PORTIONS, AND BREADED SHRIMP

PRODUCTION OF FISH STICKS AND PORTIONS, 1960-72

Year	Fish sticks		Fish portions	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
1960	65,142	28,671	49,381	17,517
1961	69,824	30,100	59,847	22,192
1962	72,217	30,076	78,678	28,089
1963	79,302	31,590	94,644	33,980
1964	73,574	29,986	106,313	36,532
1965	82,483	35,778	140,464	56,025
1966	81,415	35,787	147,581	58,013
1967	73,909	32,559	161,313	58,518
1968	91,695	41,454	182,771	68,620
1969	113,369	51,242	217,071	83,719
1970	*115,924	57,722	234,247	97,930
1971	97,777	56,807	240,196	123,136
1972	114,255	*61,174	*268,701	*146,741

*Record

Note:--A fish stick, generally cut from a block of fillets, is an elongated piece of breaded fish flesh weighing not less than 3/4 of an ounce and not more than 1-1/2 ounces with the largest dimension at least three times that of the next largest dimension. A fish portion, generally cut from a block of fillets, is a piece of fish flesh generally of uniform size with a thickness of 3/8 of an inch or more, and which does not conform to the definition of a fish stick.

PRODUCTION OF BREADED SHRIMP, 1960-72

Year	Breaded	
	Thousand pounds	Thousand dollars
1960	70,348	47,015
1961	73,795	55,089
1962	76,803	62,230
1963	76,216	53,527
1964	91,333	63,388
1965	98,144	77,091
1966	104,926	94,169
1967	94,230	85,319
1968	102,964	101,681
1969	105,627	111,960
1970	104,953	112,166
1971	104,588	121,213
1972	*106,408	*139,679

*Record.

Note:--Breaded shrimp are peeled shrimp coated with breading ingredients. The product may be identified as fantail (butterfly) and round with or without tail fins and last shell segments; and as portions, sticks, or steaks when prepared from a composite unit of two or more shrimp pieces, whole shrimp or a combination of both without fins or shell.

PROCESSED FISHERY PRODUCTS

FROZEN FISHERY PRODUCTS

FREEZINGS OF FISHERY PRODUCTS, 1971 and 1972

Item	1971	1972	Record	
			Year	Quantity
	- - - - Thousand pounds - - - -			Thousand pounds
Blocks	6,484	3,034	1955	7,096
Fillets and steaks:				
Cod	734	1,464	1954	10,737
Flounder	980	1,592	1963	10,459
Haddock	1,483	747	1950	25,224
Ocean perch	15,359	15,927	1951	71,400
Other	7,487	14,373	-	-
Round, dressed:				
Halibut	16,371	14,537	1962	43,306
Salmon	19,515	24,087	1945	30,009
Whiting	8,624	5,748	1951	45,520
Other fish	71,232	72,341	-	-
Crabs	7,659	10,018	1966	11,273
Lobsters	385	583	1950	1,233
Shrimp	146,691	141,368	1971	146,691
Other shellfish	11,340	9,675	-	-
Bait and animal food	47,664	53,451	1965	76,204
Total fish and shellfish	362,008	368,945	1970	388,294

HOLDINGS OF FROZEN FISHERY PRODUCTS, DECEMBER 31, 1971 and 1972

Item	December 31, 1971	December 31, 1972	Record	
			Date and Year	Quantity
	- - - - Thousand pounds - - -			Thousand pounds
Blocks:				
Cod	(1)	34,686	-	(1)
Other	62,709	41,129	Sep. 30, 1972	104,361
Fillets and steaks:				
Cod	6,137	16,235	Oct. 31, 1972	17,647
Flounder	9,301	8,600	Dec. 31, 1970	16,082
Haddock	8,873	9,801	Oct. 31, 1954	16,217
Ocean perch	20,743	17,788	Nov. 30, 1956	23,934
Other	12,640	38,354	-	-
Fish sticks and portions (cooked and uncooked, all species)	23,248	34,446	Dec. 31, 1972	34,446
Round, dressed:				
Halibut	9,086	13,241	Aug. 31, 1954	31,173
Salmon	18,590	20,178	Sep. 30, 1971	26,812
Whiting	4,210	5,016	Sep. 30, 1951	26,426
Other fish	21,989	29,728	-	-
Crabs	7,713	8,851	Apr. 30, 1966	11,254
Lobsters	4,729	8,856	Oct. 31, 1972	9,599
Shrimp	74,233	95,772	Nov. 30, 1972	97,610
Other shellfish	7,417	14,749	-	-
Bait and animal food	10,347	17,662	Jun. 30, 1965	22,567
Total fish and shellfish	301,965	415,092	Oct. 31, 1972	419,330

1/ Included in other blocks.

CANNED PACK

PACK OF CERTAIN CANNED PRODUCTS, 1971 AND 1972

Item	Pounds per case	1971	1972	Record pack	
		-Thousand standard cases--		Year	Thousand standard cases
Tuna	(1)	22,205	31,055	1972	31,055
Salmon	48	3,509	1,773	1936	8,965
Sardines, Maine	23.4	951	1,563	1950	3,844
Mackerel, jack and Pacific	45	367	306	1947	1,755
Crab meat	19.5	165	123	1966	564
Shrimp	6.75	3,310	3,525	1970	3,722
Clams:					
Whole and minced	15	634	625	1967	689
Chowder and juice	30	2,049	2,085	1972	2,085
Oysters	7	484	400	1937	1,519
Animal food and bait	48	10,679	13,518	1972	13,518
Other	Various	1,638	1,519	-	-
Total	-	45,991	56,492	-	-

1/ Solid, 21 pounds; chunk, 19.5 pounds; flakes and grated, 18 pounds.

PRODUCTION OF CANNED FISHERY PRODUCTS, 1960-72

Year	For human consumption		For animal food and bait		Total	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
1960	660,928	342,747	422,490	44,848	1,083,418	387,595
1961	708,707	382,809	334,033	40,027	1,042,740	422,836
1962	757,302	410,183	376,408	46,683	1,133,710	456,866
1963	728,937	381,329	306,972	40,278	1,035,909	421,607
1964	742,114	391,026	353,452	45,634	1,095,566	436,660
1965	749,518	446,833	372,111	48,398	1,121,629	495,231
1966	822,369	507,841	365,178	55,867	1,187,547	563,708
1967	689,739	445,710	499,653	79,853	1,189,392	525,563
1968	782,102	499,923	484,923	84,621	1,267,025	583,908
1969	716,335	493,059	451,946	82,474	1,168,281	575,533
1970	805,178	632,625	540,713	109,135	1,345,891	741,760
1971	816,228	666,239	512,589	104,359	1,328,816	770,597
1972	*916,353	*847,612	*648,863	*141,717	*1,565,216	*989,329

*Record.

PROCESSED FISHERY PRODUCTS

FISH MEAL, OIL, AND SOLUBLES

PRODUCTION OF FISH MEAL, OIL, AND SOLUBLES, 1971 AND 1972

Product	1971	1972	Record	
			Year	Quantity
	Thousand tons			Thousand tons
Meal:				
Menhaden	221.0	193.6	1961	247.6
Herring, sea	5.2	5.5	1937	20.5
Tuna and mackerel	29.3	43.2	1972	43.2
Unclassified	37.3	43.2	-	-
Total	292.8	285.5	1962	312.3
	Thousand pounds			Thousand pounds
Oil:				
Menhaden	244,040	166,956	1971	244,040
Herring, sea	5,856	5,064	1937	42,172
Tuna and mackerel	4,933	5,030	1950	6,633
Unclassified	10,621	11,395	-	-
Total	265,450	188,445	1936	299,264
	Tons			Tons
Fish solubles	111,188	134,404	1959	165,359

INDUSTRIAL PRODUCTS

PRODUCTION OF INDUSTRIAL PRODUCTS, 1960-72

Year	Quantity			Value			
	Fish meal	Fish solubles 1/	Marine animal oil	Fish meal, oil, and solubles	Shell products	Other industrial products	Grand total
	Tons	Tons	Thousand pounds	Thousand dollars			
1960	290,137	98,929	209,143	42,689	10,074	13,832	66,595
1961	311,265	112,254	258,118	51,781	9,362	13,426	74,569
1962	*312,259	124,649	250,075	53,210	8,557	13,911	75,678
1963	255,907	107,402	185,827	47,842	7,000	13,759	68,601
1964	235,252	93,296	180,198	46,998	6,192	16,721	69,911
1965	254,051	94,840	195,440	56,498	5,576	20,756	82,830
1966	223,821	83,441	164,045	49,916	5,131	17,925	72,972
1967	211,189	74,675	122,398	36,738	4,933	19,356	61,027
1968	235,136	71,833	174,072	41,294	4,651	24,182	70,127
1969	252,664	81,692	169,785	53,272	4,170	25,563	83,005
1970	269,197	94,968	206,084	69,485	3,409	26,646	99,540
1971	292,812	111,188	265,450	*70,377	4,128	32,046	106,551
1972	285,486	134,404	188,445	67,371	4,210	*84,636	*156,217

1/ Includes homogenized condensed fish for 1960-63. *Record (fish solubles production: 165,359 tons in 1959; marine animal oil production: 299.3 million pounds in 1936; shell products value: $17,253,000 in 1950).

U.S. IMPORTS

IMPORTS OF FISHERY PRODUCTS, 1960-72

Year	Edible		Nonedible	Total
	Thousand pounds	Thousand dollars	Thousand dollars	
1960	1,095,014	310,596	52,685	363,281
1961	1,087,175	339,318	61,301	400,619
1962	1,255,532	405,832	83,975	489,807
1963	1,196,977	399,928	100,784	500,712
1964	1,318,099	433,674	130,569	564,243
1965	1,398,778	479,412	121,492	600,904
1966	1,593,714	568,091	151,611	719,702
1967	1,470,437	538,301	169,582	707,883
1968	1,741,365	643,165	179,504	822,669
1969	1,706,571	704,809	139,484	844,293
1970	1,873,300	812,530	224,880	1,037,410
1971	1,785,470	887,070	187,131	1,074,201
1972	*2,341,138	*1,233,292	*261,103	*1,494,395

*Record. Source:--Department of Commerce, Bureau of the Census.

IMPORTS: VALUE, DUTIES COLLECTED, AND AD VALOREM EQUIVALENT, 1960-72

Year	Value		Duties collected		Average ad valorem equivalent	
	Fishery imports	All imports	Fishery imports	All imports	Fishery imports	All imports
	Thousand dollars				Percent	
1960	363,281	14,650,000	15,857	1,084,000	4.4	7.4
1961	400,619	14,657,000	16,904	1,057,000	4.2	7.2
1962	489,807	16,241,000	17,910	1,220,000	3.7	7.5
1963	500,712	17,014,000	17,660	1,236,000	3.5	7.3
1964	564,243	18,600,300	22,035	1,583,000	3.9	8.5
1965	600,904	21,281,800	22,595	1,639,921	3.8	7.7
1966	719,702	25,360,330	24,812	1,919,514	3.4	7.6
1967	707,883	26,733,200	24,709	2,016,400	3.5	7.5
1968	822,669	32,991,700	25,455	2,341,100	3.1	7.1
1969	844,293	35,870,400	25,421	2,551,200	3.0	7.1
1970	1,037,410	39,767,700	25,175	2,584,100	2.4	6.5
1971	1,074,201	45,545,900	1/22,455	1/2,768,000	2.1	6.1
1972	1,494,395	55,555,300	24,292	3,124,000	1.6	5.6

1/ These calculated duties do not include the temporary surcharge imposed by the President under Proclamation No. 4074, effective August 16, 1971 and terminating on December 20, 1971.

Source:--Department of Commerce, Bureau of the Census.

FOREIGN TRADE

U.S. IMPORTS

IMPORTS OF FISHERY PRODUCTS, 1971 AND 1972

Item	1971		1972	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
Edible fishery products:				
Fresh and frozen:				
Fillets:				
Groundfish	171,452	71,436	213,255	105,324
Other	114,289	54,557	171,872	92,514
Total	285,741	125,993	385,127	197,838
Blocks and slabs	311,166	110,243	355,459	140,978
Halibut	19,971	8,228	16,731	10,792
Salmon	7,684	6,027	18,696	11,941
Tuna:				
Albacore	187,009	54,655	263,064	95,132
Other	278,788	51,085	446,235	94,748
Loins and discs	7,967	5,544	8,395	6,489
Scallops (meat)	17,387	21,932	20,820	36,194
Lobsters:				
Common (includes fresh-cooked meat)	17,835	23,653	16,229	25,863
Spiny	41,792	105,717	43,009	127,490
Shrimp (mostly frozen, some canned and dried)	191,295	196,277	223,226	250,331
Canned:				
Salmon	1,551	1,132	11,647	8,039
Sardines:				
In oil	31,034	15,641	41,544	22,803
Not in oil	18,985	5,079	28,671	9,559
Tuna:				
In oil	1,050	687	384	346
Not in oil	58,792	41,668	56,129	48,714
Bonito and yellowtail:				
In oil	1,858	752	2,638	947
Not in oil	667	216	1,094	469
Crab meat	3,723	6,474	2,547	4,422
Lobsters:				
Common	2,292	7,979	2,162	8,995
Spiny	105	256	95	237
Oysters (mostly canned)	9,452	6,545	20,848	13,763
Other	289,326	91,287	376,388	117,202
Total edible fishery products	1,785,470	887,070	2,341,138	1,233,292
Nonedible fishery products:				
Scrap and meal	566,498	38,253	783,910	51,627
Solubles	546	28	686	36
Whale oil, sperm	45,563	7,323	5,061	734
Other	-	141,527	-	208,706
Total nonedible fishery products	-	187,131	-	261,103
Grand total	-	1,074,201	-	1,494,395

Note:--The data include imports into U.S. territories and possessions and landings of tuna by foreign vessels in American Samoa.

Source:--Department of Commerce, Bureau of the Census.

U.S. IMPORTS

IMPORTS OF EDIBLE FISHERY PRODUCTS, BY CONTINENT AND COUNTRY OF ORIGIN, 1971 AND 1972

Continent and country	1971		1972	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
North America:				
Canada	506,224	206,164	551,666	257,708
Mexico	101,281	88,019	133,684	104,308
Panama	24,763	13,237	17,966	15,505
Nicaragua	6,074	7,599	7,195	10,084
El Salvador	6,731	6,191	5,745	6,796
Honduras	5,384	5,669	5,450	5,876
Other	32,851	21,450	44,692	27,033
Total	683,308	348,329	766,398	427,310
South America:				
Peru	27,079	4,181	23,819	41,531
Brazil	16,123	17,886	26,917	28,958
Venezuela	12,094	13,043	16,906	16,005
Ecuador	28,728	11,309	23,534	14,940
Guyana	9,005	12,413	6,982	10,934
Other	30,724	20,606	39,795	2,000
Total	123,753	79,438	137,953	114,368
Europe:				
Norway	109,722	42,720	128,483	60,711
Iceland	121,830	54,724	111,682	58,234
Denmark	56,204	22,736	94,728	44,980
United Kingdom	25,012	12,571	30,984	19,270
Spain	18,875	11,366	35,246	16,786
Portugal	8,638	5,608	15,092	9,220
Netherlands	6,885	4,547	12,981	8,277
West Germany	4,099	1,879	14,401	7,423
Other	19,875	9,506	56,792	2,116
Total	371,140	165,657	500,389	227,017
Asia:				
Japan	421,534	144,657	524,317	215,929
India	26,852	17,129	37,176	32,195
China, Republic of (Taiwan)	11,440	5,932	31,694	17,558
Thailand	4,003	4,450	7,141	9,453
Korea, Republic of	4,078	1,631	18,515	8,293
Malaysia	7,670	2,829	16,051	7,115
Other	25,836	16,820	33,739	25,427
Total	501,413	193,448	668,633	315,970
Australia and Oceania:				
Australia	17,885	40,534	20,621	50,861
New Zealand	5,265	13,486	5,268	13,557
British Pacific Islands	11,238	3,940	22,510	8,813
Other	6,498	3,092	24,841	9,170
Total	40,886	61,052	73,240	82,401
Africa:				
South Africa, Republic of	15,085	19,623	56,476	30,488
Ivory Coast	8,799	2,734	32,112	9,703
Canary Islands	2,251	674	14,924	5,050
Mauritius	2,094	605	8,599	3,381
Angola	12,239	3,103	11,898	3,328
Other	24,502	12,407	70,516	14,276
Total	64,970	39,146	194,525	66,226
Grand Total	1,785,470	887,070	2,341,138	1,233,292

Source:--Department of Commerce, Bureau of the Census.

FOREIGN TRADE

U.S. IMPORTS

IMPORTS OF FISH BLOCKS AND SLABS, BY SPECIES, 1971 AND 1972

Species	1971		1972	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
Cod	192,993	69,165	207,537	87,258
Flatfish	22,610	8,917	17,615	9,116
Haddock	28,924	11,756	25,905	12,306
Pollock	28,879	8,670	54,907	15,391
Other	37,760	11,735	49,495	16,907
Total	311,166	110,243	355,459	140,978

Source:--Department of Commerce, Bureau of the Census.

IMPORTS OF FISH BLOCKS AND SLABS BY COUNTRY OF ORIGIN, 1971 AND 1972

Country	1971		1972	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
Canada	96,383	35,338	73,354	32,979
Denmark	35,756	12,909	56,932	23,647
Greenland	6,751	2,433	12,984	5,043
Iceland	62,690	23,050	61,568	25,133
Norway	57,363	18,068	61,814	23,333
Other	52,223	18,445	88,807	30,843
Total	311,166	110,243	355,459	140,978

Source:--Department of Commerce, Bureau of the Census.

IMPORTS OF GROUNDFISH FILLETS AND STEAKS,
BY SPECIES, 1971 AND 1972 1/

Species	1971		1972	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
Cod	80,686	35,945	98,989	53,193
Haddock 2/	34,026	16,846	42,539	23,321
Ocean perch, Atlantic	56,740	18,645	71,727	28,810
Total	171,452	71,436	213,255	105,324

1/ Does not include data on fish blocks and slabs. 2/ Includes some quantities of cusk, hake, and pollock fillets.
Source:--Department of Commerce, Bureau of the Census.

U.S. IMPORTS

QUOTA AND IMPORTS OF GROUNDFISH FILLETS AND STEAKS, 1960-72 1/

Year	Quota 2/	Imports	
		Under quota 3/	Over quota 4/
	Thousand pounds		
1960	36,533	36,533	29,345
1961	32,601	32,601	43,890
1962	28,571	28,571	49,307
1963	24,875	24,875	53,623
1964	24,862	24,862	55,542
1965	24,384	24,384	55,763
1966	23,591	23,591	84,933
1967	24,883	24,883	69,180
1968	24,895	24,895	104,255
1969	26,466	26,466	133,514
1970	27,401	27,401	158,706
1971	30,329	30,329	141,123
1972	31,832	31,832	181,423

1/ Includes Atlantic ocean perch. 2/ Limited to 15 million pounds or 15 percent of the average apparent annual U.S. consumption during the three immediately preceding calendar years, whichever is the greater. 3/ Dutiable at 1.875 cents per pound. 4/ Dutiable at 2.5 cents per pound.
Source:--Data on import quotas and imports under quota from Department of Treasury, Bureau of Customs. Imports over quota calculated from imports reported by Department of Commerce, Bureau of the Census.

QUOTA AND IMPORTS OF CANNED TUNA NOT IN OIL, 1960-72

Year	Quota 1/	Imports	
		Under quota 2/	Over quota 3/
	Thousand pounds		
1960	53,448	50,322	-
1961	57,115	56,210	-
1962	59,059	54,379	-
1963	63,131	56,414	-
1964	60,912	52,931	-
1965	66,059	49,204	-
1966	65,662	57,987	-
1967	69,472	62,275	-
1968	66,985	64,907	-
1969	71,703	71,333	-
1970	70,146	70,146	902
1971	77,296	55,638	-
1972	78,532	54,449	-

1/ Imports have been subject to tariff quotas since April 14, 1956, and are based on 20 percent of the previous year's domestic pack excluding American Samoa.
2/ Dutiable in 1956-67 at 12.5 percent ad valorem; 1968, 11 percent; 1969, 10 percent; 1970, 8.5 percent; 1971, 7 percent; and in 1972, 6 percent.
3/ Dutiable in 1971 at 15 percent ad valorem; and in 1972 at 12.5 percent ad valorem.
Source:--Department of the Treasury, Bureau of Customs. (Data in this table will not agree with tuna import data released by the Department of Commerce, Bureau of the Census.)

FOREIGN TRADE

U.S. IMPORTS

IMPORTS OF SHRIMP, BY COUNTRY OF ORIGIN, 1971 AND 1972

Country	1971		1972	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
North America:				
Mexico	74,624	75,274	80,681	86,471
Panama	9,316	9,938	10,105	13,287
Nicaragua	5,639	6,915	6,605	9,097
El Salvador	6,707	6,155	5,735	6,766
Honduras	3,942	3,967	4,811	5,019
Trinidad and Tobago	2,434	2,878	1,311	2,270
Costa Rica	2,323	2,250	1,829	2,112
Guatemala	2,338	2,392	2,091	2,101
Canada	379	351	657	484
Canal Zone	154	162	130	197
Other	123	191	194	287
Total	107,979	110,473	114,149	128,091
South America:				
Venezuela	10,083	11,921	7,995	11,275
Ecuador	5,332	6,054	6,935	10,354
Guyana	8,981	12,396	6,906	10,196
Brazil	4,406	5,159	8,931	9,520
Colombia	4,841	4,891	5,979	7,794
French Guiana	3,808	5,561	3,622	5,671
Surinam	2,128	2,656	2,133	2,364
Peru	370	371	904	954
Chile	105	98	226	365
Argentina	13	13	207	296
Other	-	-	45	58
Total	40,067	49,120	43,883	58,847
Europe:				
Spain	832	1,289	515	1,116
Sweden	8	12	399	502
Denmark	36	84	76	130
United Kingdom	86	152	131	115
Netherlands	29	29	56	65
Norway	11	26	14	39
Iceland	53	98	23	34
Turkey	7	11	8	7
Other	69	61	3	5
Total	1,131	1,762	1,225	2,013
Asia:				
India	22,770	13,596	33,524	27,762
China, Republic of (Taiwan)	501	896	6,021	5,587
Pakistan	2,924	2,606	3,978	4,817
Indonesia	435	503	2,441	2,308
Malaysia	473	404	2,994	2,204
Kuwait	2,173	1,790	2,295	2,127
Iran	733	735	1,308	1,768
Other	5,043	5,674	7,424	8,112
Total	35,052	26,204	59,985	54,685
Australia and Oceania	3,058	4,662	1,497	3,392
Africa	4,008	4,056	2,487	3,303
Grand total	191,295	196,277	223,226	250,331

Source:--U.S. Department of Commerce, Bureau of the Census.

U.S. IMPORTS

IMPORTS OF SHRIMP BY PRODUCT TYPES, 1971 AND 1972

Item	1971		1972	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
Shell-on (headless)	123,926	135,411	126,771	151,906
Peeled:				
Canned	2,742	2,631	1,123	1,118
Not breaded:				
Raw	60,136	54,339	90,143	91,753
Other	3,279	2,821	3,866	4,033
Breaded	1,212	1,075	1,323	1,521
Total	191,295	196,277	223,226	250,331

Source:--Department of Commerce, Bureau of the Census.

IMPORTS OF FISH MEAL AND SCRAP BY COUNTRY OF ORIGIN, 1971 AND 1972

Country	1971		1972	
	Tons	Thousand dollars	Tons	Thousand dollars
Canada	57,630	8,798	27,567	4,018
Peru	199,566	26,783	352,253	45,693
Norway	24,431	2,436	10,486	1,618
Other countries	1,622	236	1,649	298
Total	283,249	38,253	391,955	51,627

Source:--Department of Commerce, Bureau of the Census.

IMPORTS OF FISH SOLUBLES BY COUNTRY OF ORIGIN, 1971 AND 1972

Country	1971		1972	
	Tons	Thousand dollars	Tons	Thousand dollars
Canada	273	28	341	33
West Germany	-	-	2	3
Total	273	28	343	36

Note:--Includes cod-liver solubles and fish solubles, not fit for human consumption.

Source:--Department of Commerce, Bureau of the Census.

FOREIGN TRADE

U.S. EXPORTS

EXPORTS OF DOMESTIC FISHERY PRODUCTS, 1960-72

Year	Edible		Nonedible	Total
	Thousand pounds	Thousand dollars	Thousand dollars	Thousand dollars
1960	61,454	25,622	18,543	44,165
1961	40,137	19,594	15,116	34,710
1962	56,530	22,470	13,258	35,728
1963	64,745	30,376	26,229	56,605
1964	94,835	42,878	21,326	64,204
1965	96,444	49,308	20,175	69,483
1966	109,604	62,882	21,931	84,813
1967	107,940	67,524	14,685	82,209
1968	90,808	56,845	10,912	67,757
1969	140,646	86,474	18,059	104,533
1970	140,375	93,878	23,606	117,484
1971	171,816	113,637	25,608	139,245
1972	171,642	134,188	23,720	*157,908

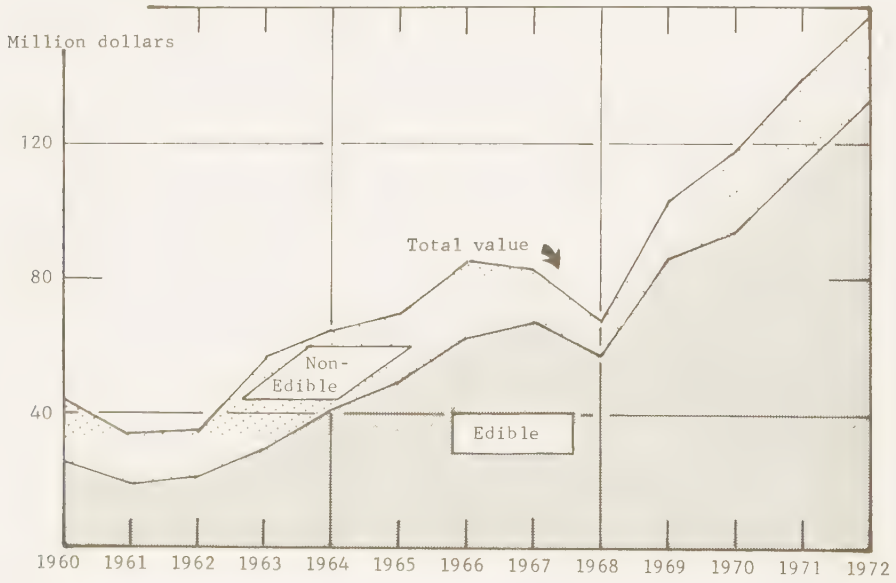
* Record. Source:--Department of Commerce, Bureau of the Census.

EXPORTS OF SELECTED DOMESTIC FISHERY PRODUCTS, 1971 AND 1972

Item	1971		1972	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
Fresh and frozen:				
Salmon	32,891	21,258	34,685	28,451
Shrimp	30,003	30,686	28,984	32,334
Canned:				
Mackerel	78	9	65	13
Salmon	18,232	15,929	21,358	20,898
Sardines	890	435	3,030	1,419
Shrimp	8,334	9,278	8,450	10,729
Squid	10,096	1,339	10,560	1,411
Fish oils, unclassified	229,898	19,312	193,198	15,276

Source:--Department of Commerce. Bureau of the Census.

VALUE OF EXPORTS OF DOMESTIC FISHERY PRODUCTS, 1960-72



U.S. EXPORTS

EXPORTS OF DOMESTIC FISHERY PRODUCTS, BY COUNTRY OF DESTINATION, 1972

Country	Edible		Nonedible	Total
	Thousand pounds	Thousand dollars		
North America:				
Canada	33,138	28,737	1,734	30,471
Mexico	11,498	8,772	54	8,826
Bahamas	1,054	1,033	3	1,036
Jamaica	882	647	2	649
Bermuda	834	617	1	618
Netherlands Antilles	442	475	1	476
Panama	494	290	27	317
Dominican Republic	542	233	-	233
Leeward Islands	763	216	-	216
Barbados	119	103	1	104
Trinidad and Tobago	43	46	2	48
British Honduras	89	14	3	17
Nicaragua	62	16	-	16
Guatemala	19	14	1	15
French West Indies	8	11	4	15
El Salvador	10	10	1	11
Costa Rica	12	8	1	9
Haiti	4	2	4	6
Honduras	4	4	1	5
Total	50,017	41,248	1,840	43,088
South America:				
Venezuela	410	422	3	425
Brazil	8	17	6	23
Surinam	14	16	1	17
Bolivia	12	16	-	16
Chile	1	2	10	12
Argentina	2	1	10	11
Uruguay	5	2	3	5
Colombia	4	1	1	2
Peru	-	-	1	1
Guyana	-	-	1	1
Ecuador	-	-	1	1
Total	456	477	37	514
Europe:				
United Kingdom	26,670	26,120	1,803	27,923
Sweden	11,355	9,763	4,379	14,142
France	13,171	11,750	252	12,002
Netherlands	4,024	3,675	6,569	10,244
West Germany	13,495	3,499	3,397	6,896
Belgium	4,100	3,374	195	3,569
Switzerland	678	792	2,633	3,425
Denmark	1,968	2,068	134	2,202
Norway	897	756	754	1,510
Greece	8,437	1,432	13	1,445
Italy	589	483	140	623
Yugoslavia	2,441	576	-	576
Spain	823	201	76	277
Portugal	805	160	8	168
Iceland	492	63	-	63
Ireland	29	35	-	35
Finland	41	29	2	31
Austria	25	13	4	17

(Continued on next page)

U.S. EXPORTS

EXPORTS OF DOMESTIC FISHERY PRODUCTS, BY COUNTRY OF DESTINATION, 1972 - Continued

Country	Edible		Nonedible	Total
	Thousand pounds	Thousand dollars		
Europe - continued:				
Malta	18	8	-	8
Cyprus	9	5	1	6
Union of Soviet Socialist Republics	-	-	2	2
Total	90,067	64,802	20,362	85,164
Asia:				
Japan	18,213	23,072	773	23,845
Philippines	5,528	721	1	722
Hong Kong	341	364	42	406
Korea, Republic of	1,708	213	23	236
Lebanon	80	74	109	183
Singapore	192	101	-	101
Israel	39	32	29	61
Saudi Arabia	39	33	-	33
Bahrain	11	31	-	31
Indonesia	57	27	-	27
Nansei and Nanpo Islands	15	21	-	21
Malaysia	29	21	-	21
Iran	15	16	-	16
Kuwait	5	5	-	5
China, Republic of (Taiwan)	2	4	-	4
Qatar	1	4	-	4
Afghanistan	2	2	-	2
Jordan	1	2	-	2
Thailand	1	1	-	1
India	(1)	1	-	1
Total	26,279	24,745	977	25,722
Australia and Oceania:				
Australia	3,021	2,156	81	2,237
French Pacific Islands	226	224	1	225
New Zealand	183	198	1	199
Trust Territory of the Pacific	129	52	2	54
New Guinea	7	3	-	3
British Pacific Islands	(1)	1	-	1
Total	3,566	2,634	85	2,719
Africa:				
South Africa, Republic of	45	55	417	472
Canary Islands	1,138	158	-	158
Liberia	33	21	-	21
Libya	13	17	-	17
Angola	5	7	-	7
Egypt	8	6	-	6
Mozambique	4	5	-	5
Ghana	5	5	-	5
Zambia	4	4	-	4
Mauritius	1	2	-	2
Kenya	-	-	2	2
Mauritania	1	1	-	1
Gabon	(1)	1	-	1
Total	1,257	282	419	701
Grand total	171,642	134,188	23,720	157,908

1/ Less than 500 pounds.

Source:--Department of Commerce, Bureau of the Census.

FOREIGN TRADE

U.S. EXPORTS

EXPORTS OF DOMESTIC AND FOREIGN SHRIMP PRODUCTS, 1971 AND 1972

Item	1971		1972	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
Fresh and frozen:				
Domestic	30,003	30,686	28,984	32,334
Foreign	10,475	15,384	6,095	9,924
Total	40,478	46,070	35,079	42,258
Canned:				
Domestic	8,334	9,278	8,450	10,729
Foreign	-	-	8	10
Total	8,334	9,278	8,458	10,739
Total:				
Domestic	38,337	39,964	37,434	43,063
Foreign	10,475	15,384	6,103	9,934
Total	48,812	55,348	43,537	52,997

Source:--Department of Commerce, Bureau of the Census.

EXPORTS OF DOMESTIC FRESH AND FROZEN SHRIMP, BY COUNTRY OF DESTINATION, 1971 AND 1972

Country	1971		1972	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
Canada	6,134	7,501	7,748	10,137
Mexico	10,273	7,935	10,072	8,329
Japan	3,568	5,650	2,625	4,284
Sweden	5,743	5,011	4,096	4,062
United Kingdom	2,363	2,239	1,977	2,378
Denmark	565	595	1,126	1,281
Bahamas	233	367	272	433
Jamaica	136	187	193	312
Netherlands	26	18	176	204
Other countries	962	1,183	699	914
Total	30,003	30,686	28,984	32,334

Source:--Department of Commerce, Bureau of the Census.

EXPORTS OF DOMESTIC CANNED SHRIMP, BY COUNTRY OF DESTINATION, 1971 AND 1972

Country	1971		1972	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
Canada	4,932	5,593	4,956	6,567
United Kingdom	1,672	1,771	1,651	1,828
France	286	342	439	583
Switzerland	201	282	286	406
Sweden	332	306	311	394
Australia	219	183	190	198
Japan	14	9	152	146
New Zealand	103	111	123	143
Other countries	575	681	342	464
Total	8,334	9,278	8,450	10,729

Source:--Department of Commerce, Bureau of the Census.

FOREIGN TRADE

U.S. EXPORTS

EXPORTS OF DOMESTIC FRESH AND FROZEN SALMON, BY COUNTRY OF DESTINATION, 1971 AND 1972

Country	1971		1972	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
France	6,955	5,065	10,608	10,065
United Kingdom	4,872	3,542	6,232	5,666
Sweden	3,389	2,057	6,302	4,703
Japan	9,492	4,961	3,485	1,728
Canada	3,983	2,433	2,697	1,664
Belgium	1,152	961	1,502	1,371
Netherlands	522	470	802	748
West Germany	536	450	770	680
Norway	671	495	707	589
Denmark	466	303	544	445
Australia	260	86	312	180
Italy	210	186	162	178
Other countries	383	249	562	434
Total	32,891	21,258	34,685	28,451

Source:--Department of Commerce, Bureau of the Census.

EXPORTS OF DOMESTIC CANNED SARDINES, BY COUNTRY OF DESTINATION, 1971 AND 1972

Country	1971		1972	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
Canada	685	362	2,191	1,122
Dominican Republic	-	-	323	87
Hong Kong	-	-	147	76
Denmark	15	6	48	24
Mexico	107	28	108	22
Other countries	83	39	213	88
Total	890	435	3,030	1,419

Source:--Department of Commerce, Bureau of the Census.

EXPORTS OF DOMESTIC CANNED MACKEREL, BY COUNTRY OF DESTINATION, 1971 AND 1972

Country	1971		1972	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
Canada	57	5	25	5
United Kingdom	-	-	17	3
French Pacific Islands	-	-	9	2
Other countries	21	4	14	3
Total	78	9	65	13

Source:--Department of Commerce, Bureau of the Census.

U.S. EXPORTS

EXPORTS OF DOMESTIC CANNED SQUID, BY COUNTRY OF DESTINATION, 1971 AND 1972

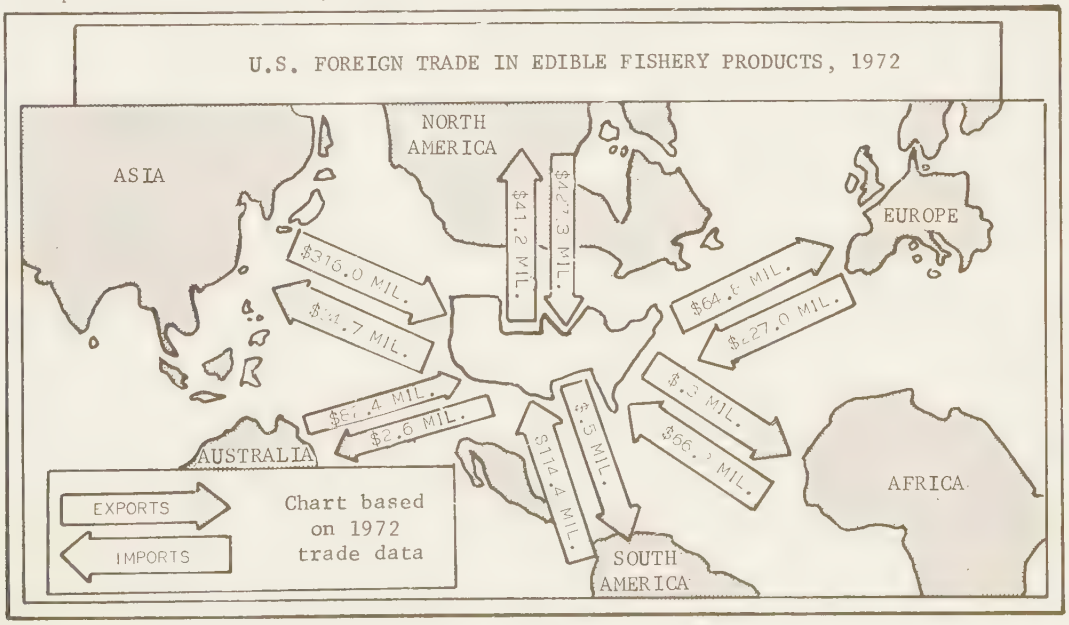
Country	1971		1972	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
Greece	5,710	683	4,972	687
Philippines	3,113	512	4,859	639
West Germany	654	74	192	22
Australia	76	10	131	16
Canada	23	3	119	13
Mexico	5	1	80	9
Other countries	515	56	207	25
Total	10,096	1,339	10,560	1,411

Source:--Department of Commerce, Bureau of the Census.

EXPORTS OF DOMESTIC FISH AND FISH LIVER OILS, BY COUNTRY OF DESTINATION, 1971 AND 1972

Country	1971		1972	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
Netherlands	124,919	10,527	82,220	6,555
Sweden	39,720	3,189	61,558	4,377
West Germany	24,966	2,097	26,250	2,408
Norway	-	-	9,171	748
South Africa, Republic of	4,591	392	4,594	395
Canada	960	118	2,578	215
Belgium	-	-	2,250	158
Other countries	34,742	2,989	4,577	420
Total	229,898	19,312	193,198	15,276

Source:--Department of Commerce, Bureau of the Census.



SUPPLY OF FISHERY PRODUCTS

SUPPLY OF EDIBLE AND INDUSTRIAL FISHERY PRODUCTS, 1960-72
(Round weight basis)

Year	Domestic landings		Imports 1/		Total
	Million pounds	Percent	Million pounds	Percent	Million pounds
1960	4,942	60.1	3,281	39.9	8,223
1961	5,187	54.2	4,383	45.8	9,570
1962	*5,354	51.4	5,054	48.6	10,408
1963	4,847	42.4	6,587	57.6	11,434
1964	4,541	37.7	7,490	62.3	12,031
1965	4,777	45.3	5,758	54.7	10,535
1966	4,366	35.0	8,103	65.0	12,469
1967	4,055	29.0	9,936	71.0	13,991
1968	4,160	23.9	*13,221	76.1	*17,381
1969	4,337	36.6	7,510	63.4	11,847
1970	4,917	42.9	6,557	57.1	11,474
1971	4,969	42.3	6,786	57.7	11,755
1972	4,710	34.2	9,043	65.8	13,753

1/ Excludes imports of cured cod into Puerto Rico, but includes landings of foreign-caught tuna in American Samoa. *Record.

SUPPLY OF EDIBLE FISHERY PRODUCTS, 1960-72
(Round weight basis)

Year	Domestic landings		Imports 1/		Total
	Million pounds	Percent	Million pounds	Percent	Million pounds
1960	2,498	58.6	1,766	41.4	4,264
1961	2,490	57.4	1,845	42.6	4,335
1962	2,540	54.6	2,115	45.4	4,655
1963	2,556	53.2	2,247	46.8	4,803
1964	2,497	51.2	2,376	48.8	4,873
1965	2,587	50.1	2,576	49.9	5,163
1966	2,573	47.4	2,859	52.6	5,432
1967	2,368	48.8	2,481	51.2	4,849
1968	2,347	42.1	3,232	57.9	5,579
1969	2,321	40.9	3,353	59.1	5,674
1970	2,537	40.8	3,676	59.2	6,213
1971	2,400	40.1	3,582	59.9	5,982
1972	2,310	34.2	*4,454	65.8	*6,764

1/ Excludes imports of cured cod into Puerto Rico, but includes landings of foreign-caught tuna in American Samoa. *Record. (Record U.S. landings of edible fishery products amounting to 3,307 million pounds were made in 1950.)

SUPPLY OF INDUSTRIAL FISHERY PRODUCTS, 1960-72
(Round weight basis)

Year	Domestic landings		Imports		Total
	Million pounds	Percent	Million pounds	Percent	Million pounds
1960	2,444	61.7	1,515	38.3	3,959
1961	2,697	51.5	2,538	48.5	5,235
1962	*2,814	48.9	2,939	51.1	5,753
1963	2,291	34.5	4,340	65.5	6,631
1964	2,044	28.6	5,114	71.4	7,158
1965	2,190	40.8	3,182	59.2	5,372
1966	1,793	25.5	5,244	74.5	7,037
1967	1,687	18.5	7,455	81.5	9,142
1968	1,813	15.4	*9,989	84.6	*11,802
1969	2,016	32.7	4,157	67.3	6,173
1970	2,380	45.2	2,881	54.8	5,261
1971	2,569	44.5	3,204	55.5	5,773
1972	2,400	34.3	4,589	65.7	6,989

*Record.

Note:--The weights of U.S. landings and imports represent the round (live) weight of all items except univalve and bivalve mollusks (conchs, clams, oysters, scallops, etc.) which are shown in weight of meats, excluding the shell.

SUPPLY OF FISHERY PRODUCTS, 1971 AND 1972

Item	Domestic landings		Imports 1/		Total	
	1971	1972	1971	1972	1971	1972
	-Million pounds, round weight-					
Edible fishery products:						
Finfish	1,509	1,432	2,967	3,751	4,476	5,183
Shellfish	891	878	615	703	1,506	1,581
Total	2,400	2,310	3,582	4,454	5,982	6,764
Industrial fishery products:						
Finfish	2,545	2,383	2/ 3,204	2/ 4,589	5,749	6,972
Shellfish	24	17	(3)	(3)	24	17
Total	2,569	2,400	2/ 3,204	2/ 4,589	5,773	6,989
Total:						
Finfish	4,054	3,815	6,171	8,340	10,225	12,155
Shellfish	915	895	615	703	1,530	1,598
Total	4,969	4,710	6,786	9,043	11,755	13,753

Item	Domestic landings		Imports 1/		Total	
	1971	1972	1971	1972	1971	1972
	-Million dollars-					
Edible fishery products:						
Finfish	257	278	483	498	740	776
Shellfish	338	380	404	735	742	1,115
Total	595	658	887	1,233	1,482	1,891
Industrial fishery products:						
Finfish	44	40	187	261	231	301
Shellfish	4	6	(3)	(3)	4	6
Total	48	46	187	261	235	307
Total:						
Finfish	301	318	670	759	971	1,077
Shellfish	342	386	404	735	746	1,121
Total	643	704	1,074	1,494	1,717	2,198

1/ Excludes imports of edible fishery products consumed in Puerto Rico, but includes landings of foreign-caught tuna in American Samoa.
2/ Includes only fish meal and sea herring for industrial purposes.
3/ Not available.

Note:--Value of domestic landings is exvessel value. Value of imports generally is export value, packed ready for shipment to the United States.

SUPPLY OF FISHERY PRODUCTS

SUPPLY OF GROUNDFISH FILLETS AND STEAKS, 1960-72 1/

Year	U.S. production		Imports		Total
	Thousand pounds	Percent	Thousand pounds	Percent	Thousand pounds
1960	93,818	37.6	155,550	62.4	249,368
1961	93,039	32.3	195,099	67.7	288,138
1962	93,625	29.7	221,420	70.3	315,045
1963	83,419	26.5	231,768	73.5	315,187
1964	75,166	23.4	246,569	76.6	321,735
1965	77,180	20.7	294,954	79.3	372,134
1966	75,418	19.3	315,097	80.7	390,515
1967	71,034	20.0	283,567	80.0	354,601
1968	55,349	12.4	390,236	87.6	445,585
1969	47,269	10.0	426,728	90.0	473,997
1970	42,894	8.6	458,762	91.4	501,656
1971	43,808	8.3	482,618	91.7	526,426
1972	35,683	5.9	*568,714	94.1	*604,397

1/ Includes Atlantic ocean perch and includes blocks and slabs.

*Record. Record U.S. production, 148,786,000 pounds in 1951.

SUPPLY OF FILLETS AND STEAKS, OTHER THAN GROUNDFISH, 1960-72

Year	U.S. Production		Imports		Total
	Thousand pounds	Percent	Thousand pounds	Percent	Thousand pounds
1960	59,348	49.0	61,713	51.0	121,061
1961	65,073	49.2	67,167	50.8	132,240
1962	76,361	50.0	76,443	50.0	152,804
1963	82,565	54.5	68,869	45.5	151,434
1964	85,955	53.9	73,554	46.1	159,509
1965	*91,652	55.1	74,724	44.9	166,376
1966	90,472	49.4	92,708	50.6	183,180
1967	81,961	49.1	84,862	50.9	166,823
1968	80,163	42.3	109,163	57.7	189,326
1969	90,344	42.9	120,434	57.1	210,778
1970	90,614	40.0	136,102	60.0	226,716
1971	84,584	42.5	114,289	57.5	198,873
1972	86,772	33.5	*171,872	66.5	*258,644

*Record.

LANDINGS AND IMPORTS OF TUNA, 1962-72

Year	U.S. Landings			Imports		
	Atlantic, Gulf, and Pacific Coast States and Hawaii	Puerto Rico	Total	Fresh and frozen including cooked loins and discs 1/	Canned	
					In oil	In brine
	Thousand pounds					
1962. . . .	312,157	28,790	340,947	364,528	358	56,361
1963. . . .	321,619	37,026	358,645	320,910	224	57,270
1964. . . .	305,829	48,393	354,222	379,242	201	54,446
1965. . . .	318,895	54,576	373,471	378,637	211	50,750
1966. . . .	269,172	64,698	333,870	449,840	160	61,400
1967. . . .	328,368	97,882	426,250	387,142	186	65,135
1968. . . .	293,868	107,660	401,528	422,108	150	67,023
1969. . . .	324,884	96,268	421,152	414,453	158	*72,958
1970. . . .	*393,494	2/84,852	478,346	464,583	153	72,109
1971. . . .	348,040	2/128,770	476,810	506,602	1,050	58,792
1972. . . .	377,569	*2/146,806	*524,375	*764,784	384	56,129

*Record. 1/ Round weight. Includes landings in American Samoa of foreign-caught fish. 2/ Includes a small quantity of fish landed in American Samoa by U.S. vessels.

SUPPLY OF CANNED TUNA, 1962-72

Year	U.S. pack from domestic landings 1/		U.S. pack from imported fresh and frozen tuna 2/		Total	Imported canned		Total supply
	Thousand pounds	Percent	Thousand pounds	Percent	Thousand pounds		Percent	Thousand pounds
1962. . . .	147,586	37.6	187,920	47.9	335,506	56,719	14.5	392,225
1963. . . .	160,822	41.8	165,890	43.2	326,712	57,494	15.0	384,206
1964. . . .	154,208	38.1	195,626	48.4	349,834	54,647	13.5	404,481
1965. . . .	161,515	39.5	196,890	48.1	358,405	50,961	12.4	409,366
1966. . . .	153,231	33.6	241,037	52.9	394,268	61,560	13.5	455,828
1967. . . .	183,236	40.3	205,609	45.3	388,845	65,321	14.4	454,166
1968. . . .	176,524	38.1	219,433	47.4	395,957	67,173	14.5	463,130
1969. . . .	181,786	38.6	216,651	45.9	398,437	*73,116	15.5	471,553
1970. . . .	203,531	39.9	234,109	45.9	437,640	72,262	14.2	509,902
1971. . . .	194,967	39.1	243,774	48.9	438,741	59,842	12.0	498,583
1972. . . .	*230,333	34.2	*386,282	57.4	*616,615	56,513	8.4	*673,128

*Record. 1/ Includes pack from landings in Puerto Rico and American Samoa by U.S. vessels. 2/ Includes tuna canned in American Samoa from foreign-caught fish.

SUPPLY OF CANNED BONITO AND YELLOWTAIL, 1962-72

Year	U.S. pack		Imports				Total supply
			In oil	In brine	Total		
	Thousand pounds	Percent	Thousand pounds			Percent	Thousand pounds
1962. . . .	610	6.5	6,127	2,600	8,727	93.5	9,337
1963. . . .	1,387	19.1	3,480	2,385	5,865	80.9	7,252
1964. . . .	467	8.6	3,050	1,940	4,990	91.4	5,457
1965. . . .	944	19.4	2,044	1,888	3,932	80.6	4,876
1966. . . .	4,426	60.8	1,534	1,320	2,854	39.2	7,280
1967. . . .	5,996	78.6	558	1,075	1,633	21.4	7,629
1968. . . .	4,202	82.5	547	346	893	17.5	5,095
1969. . . .	4,948	87.3	354	364	718	12.7	5,666
1970. . . .	2,815	69.6	830	402	1,232	30.4	4,047
1971. . . .	5,553	68.7	1,858	667	2,525	31.3	8,078
1972. . . .	6,633	64.0	2,638	1,094	3,732	36.0	10,365

SUPPLY OF FISHERY PRODUCTS

SUPPLY OF CANNED SARDINES, 1960-72

Year	U.S. production		Imports		Exports		Total for U.S. consumption
	Maine	Pacific	In oil	Not in oil	In oil	Not in oil	
	Thousand pounds						
1960. . . .	46,744	27,714	21,236	6,140	264	20,955	80,615
1961. . . .	17,635	18,859	27,877	14,611	185	7,475	71,322
1962. . . .	50,248	6,168	32,603	20,342	578	7,188	101,595
1963. . . .	37,890	2,568	19,908	21,640	146	3,493	78,367
1964. . . .	20,259	5,438	20,033	24,602	839	2,426	67,067
1965. . . .	29,646	374	21,532	23,538	(1)	3,376	71,714
1966. . . .	31,118	116	23,601	33,987	(1)	3,557	85,265
1967. . . .	29,260	(2)	25,494	26,945	(1)	1,373	80,326
1968. . . .	40,489	(2)	28,436	30,431	(1)	3,033	96,323
1969. . . .	24,401	-	27,220	18,147	(1)	2,095	67,673
1970. . . .	18,872	-	34,070	12,838	(1)	1,456	64,324
1971. . . .	22,249	-	31,034	18,985	(1)	890	71,378
1972. . . .	36,563	-	41,544	28,671	(1)	3,030	103,748

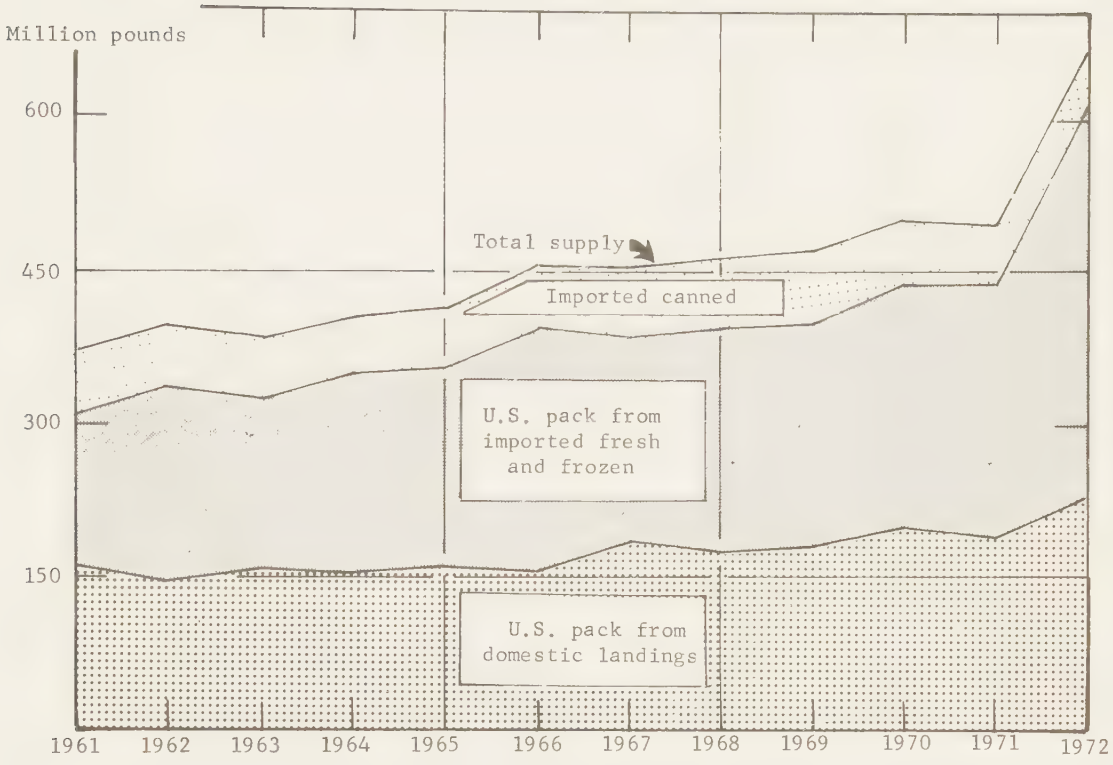
1/ Data on the pack in oil have been included with the pack not in oil. 2/ Data not available.

SUPPLY OF CANNED SALMON, 1960-72

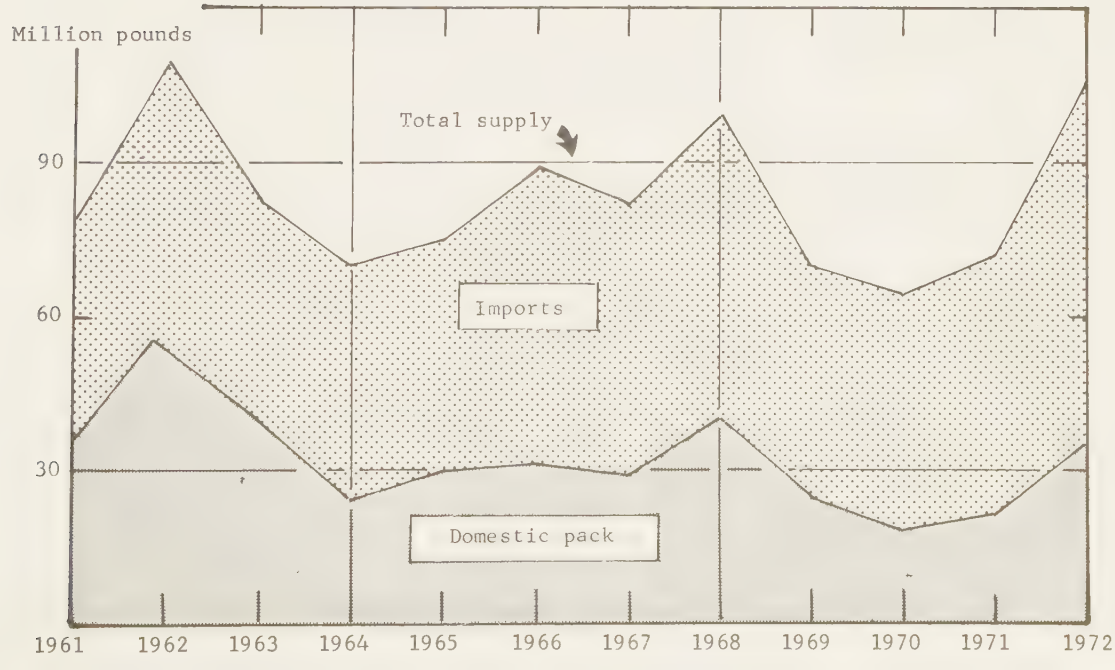
Year	U.S. pack 1/	Percent of total supply	Imports	Percent of total supply	Total supply	Exports	Total for U.S. consumption
	Thousand pounds	Percent	Thousand pounds	Percent	Thousand pounds		
1960. . . .	136,049	87.7	19,113	12.3	155,162	11,924	143,238
1961. . . .	177,443	96.1	7,167	3.9	184,610	7,186	177,424
1962. . . .	182,435	96.4	6,843	3.6	189,278	8,978	180,300
1963. . . .	158,153	99.2	1,250	.8	159,403	10,228	149,175
1964. . . .	180,442	99.9	236	.1	180,678	20,924	159,754
1965. . . .	174,413	99.9	101	.1	174,514	24,892	149,622
1966. . . .	209,161	99.7	589	.3	209,750	20,484	189,266
1967. . . .	99,473	99.9	121	.1	99,594	20,543	79,051
1968. . . .	165,490	97.1	4,955	2.9	170,445	5,726	164,719
1969. . . .	122,444	98.2	2,217	1.8	124,661	15,536	109,125
1970. . . .	183,466	98.7	2,441	1.3	185,907	16,811	169,096
1971. . . .	168,452	99.1	1,551	.9	170,003	18,232	151,771
1972. . . .	85,106	88.0	11,647	12.0	96,753	21,358	75,395

1/ Record pack, 430,328,496 pounds in 1936.

SUPPLY OF CANNED TUNA, 1961-72



SUPPLY OF CANNED SARDINES, 1961-72



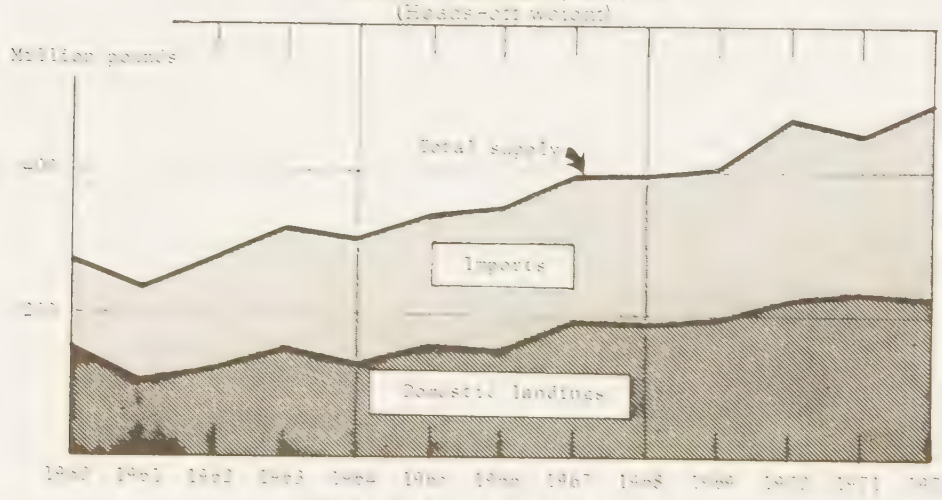
SUPPLY OF FISHERY PRODUCTS

SUPPLY OF SHRIMP, 1960-72

Year	U.S. landings			Imports 1/			Total, heads-off
	Heads-on	Heads-off	Percent of total	Import weight	Heads-off	Percent of total	
	Thousand pounds		Percent	Thousand pounds		Percent	Thousand pounds
1960. . . .	249,452	148,483	55.5	113,418	119,139	44.5	267,622
1961. . . .	174,530	103,865	43.6	126,268	134,564	56.4	238,429
1962. . . .	191,105	119,154	43.9	141,183	152,504	56.1	271,658
1963. . . .	240,478	150,737	47.4	151,530	167,344	52.6	318,081
1964. . . .	211,821	133,113	44.0	154,577	169,510	56.0	302,623
1965. . . .	243,645	152,346	46.0	162,942	178,955	54.0	331,301
1966. . . .	239,046	148,255	43.2	178,549	194,946	56.8	343,201
1967. . . .	307,787	189,972	48.5	186,073	202,105	51.5	392,077
1968. . . .	299,289	184,065	46.7	189,455	210,063	53.3	394,128
1969. . . .	318,537	195,002	47.1	193,741	218,697	52.9	413,699
1970. . . .	367,468	224,272	47.7	218,715	245,658	52.3	469,930
1971. . . .	*387,432	*238,328	52.5	191,295	211,857	47.5	450,185
1972. . . .	382,052	234,432	48.1	*223,226	*253,265	51.9	*487,497

1/ Imports were converted to heads-off weight on the basis of available data on the actual condition of the imports. *Record.

SUPPLY OF SHRIMP, 1960-72
(Heads-off weight)



SUPPLY OF CANNED SHRIMP, 1960-72

Year	U.S. pack	Imports	Exports		Total for U.S. consumption
			Domestic	Foreign	
			Thousand pounds		
1960. . . .	14,268	(1)	3,482	34	(1)
1961. . . .	9,284	(1)	2,503	25	(1)
1962. . . .	13,249	(1)	2,212	44	(1)
1963. . . .	15,904	2/4,120	3,199	33	16,792
1964. . . .	9,740	3,004	3,692	25	9,027
1965. . . .	15,629	2,248	4,510	34	13,333
1966. . . .	14,201	1,547	4,479	33	11,236
1967. . . .	16,851	2,225	5,255	19	13,802
1968. . . .	18,967	4,307	4,467	20	18,787
1969. . . .	20,729	3,583	5,682	39	18,591
1970. . . .	*25,125	*3,876	6,076	50	*22,875
1971. . . .	22,345	2,742	8,334	-	16,753
1972. . . .	23,795	1,123	8,450	8	16,460

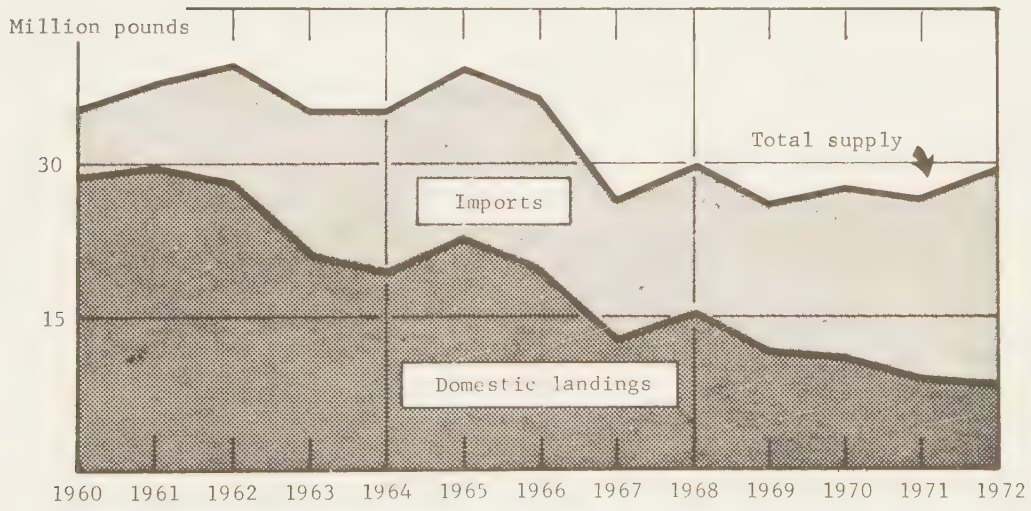
1/ Data not available. 2/ Partly estimated. *Record.

SUPPLY OF SCALLOP MEATS, 1960-72

Year	U.S. landings				Imports	Total for U.S. consumption
	Bay	Calico	Sea	Total		
	Thousand pounds					
1960. . . .	2,031	112	26,599	28,742	6,873	35,615
1961. . . .	1,708	26	27,461	*29,195	8,652	37,847
1962. . . .	3,159	17	24,634	27,810	11,563	*39,373
1963. . . .	1,517	(1)	19,939	21,456	13,397	34,853
1964. . . .	1,887	-	16,914	18,801	16,175	34,976
1965. . . .	1,859	872	20,070	22,801	16,495	39,296
1966. . . .	1,780	1,857	15,975	19,612	16,712	36,324
1967. . . .	1,097	1,410	10,243	12,750	13,461	26,211
1968. . . .	1,491	89	13,818	15,398	14,581	29,979
1969. . . .	2,114	199	9,312	11,625	14,322	25,947
1970. . . .	1,700	1,833	7,304	10,837	16,830	27,667
1971. . . .	1,455	1,566	6,264	9,285	17,387	26,672
1972. . . .	479	1,342	6,995	8,816	*20,820	29,636

1/ Less than 500 pounds. *Record.

SUPPLY OF SCALLOP MEATS, 1960-72



SUPPLY OF FISHERY PRODUCTS

SUPPLY OF FRESH AND FROZEN SPINY LOBSTERS, 1960-72

Year	U.S. Landings 1/	Imports 2/	Total
	Thousand pounds		
1960	3,210	32,346	35,556
1961	3,235	32,610	35,845
1962	3,664	35,947	39,611
1963	4,180	34,048	38,228
1964	4,088	35,104	39,192
1965	6,237	37,814	44,051
1966	5,844	36,923	42,767
1967	4,868	35,340	40,208
1968	7,476	43,062	50,538
1969	8,781	*44,992	53,773
1970	10,345	37,741	48,086
1971	8,439	41,792	50,231
1972	11,199	43,009	*54,208

1/ Round weight. 2/ Product weight. Consists largely of tails. *Record.

SUPPLY OF FRESH AND FROZEN AMERICAN (NORTHERN) LOBSTERS, 1960-72

Year	U.S. landings				Imports		Total supply
	Maine	Other States	Total	Percent of total	Total 1/	Percent of total	
	Thousand pounds			Percent	Thousand pounds	Percent	Thousand pounds
1960	24,014	7,154	31,168	59.1	21,403	40.7	*52,571
1961	20,918	7,080	27,998	56.8	21,299	43.2	49,297
1962	22,075	7,422	29,497	57.2	22,101	42.8	51,598
1963	22,804	7,470	30,274	58.1	21,847	41.9	52,121
1964	21,413	9,545	30,958	60.3	20,386	39.7	51,344
1965	18,862	11,384	30,246	61.9	18,597	38.1	48,843
1966	19,916	9,625	29,541	63.4	17,047	36.6	46,588
1967	16,489	10,256	26,745	63.2	15,568	36.8	42,313
1968	20,502	12,056	32,558	66.0	16,753	34.0	49,311
1969	19,835	13,952	33,787	65.9	17,447	34.1	51,234
1970	18,172	15,980	*34,152	66.6	17,113	33.4	51,265
1971	17,539	15,808	33,347	65.2	17,835	34.8	51,182
1972	16,256	13,022	29,278	64.3	16,229	35.7	45,507

1/ Product weight. *Record. Record imports, 23,558,000 pounds in 1951.

SUPPLY OF CANNED CRAB MEAT, 1960-72

Year	U.S. pack	Percent of total supply	Imports	Percent of total supply	Total supply
	Thousand pounds	Percent	Thousand pounds	Percent	Thousand pounds
1960	4,115	47.7	4,507	52.3	8,622
1961	5,000	54.1	4,237	45.9	9,237
1962	5,621	61.6	3,505	38.4	9,126
1963	7,356	58.1	5,296	41.9	12,652
1964	6,567	59.3	4,508	40.7	11,075
1965	9,139	68.8	4,152	31.2	13,291
1966	*11,002	83.1	2,233	16.9	13,235
1967	9,707	81.8	2,160	18.2	11,867
1968	4,019	46.4	4,635	53.6	8,654
1969	5,027	59.4	3,436	40.6	8,463
1970	5,097	64.8	2,765	35.2	7,862
1971	3,213	46.3	3,723	53.7	6,936
1972	2,406	48.6	2,547	51.4	4,953

*Record. Record imports, 13,507,000 pounds in 1939.

SUPPLY OF FISH MEAL, 1960-72

Year	U.S. production		Imports		Total
	Tons	Percent	Tons	Percent	Tons
1960	290,137	68.8	131,561	31.2	421,698
1961	311,265	58.8	217,845	41.2	529,110
1962	*312,259	55.3	252,307	44.7	564,566
1963	255,907	40.5	376,321	59.5	632,228
1964	235,252	34.9	439,143	65.1	674,395
1965	254,051	48.4	270,589	51.6	524,640
1966	223,821	33.3	447,784	66.7	671.605
1967	211,189	24.5	651,486	75.5	862,675
1968	235,136	21.6	*855,285	78.4	*1,090,421
1969	252,664	41.4	358,350	58.6	611,014
1970	269,197	51.7	251,492	48.3	520,689
1971	292,812	50.8	283,249	49.2	576,061
1972	285,486	42.1	391,955	57.9	677,441

*Record.

SUPPLY OF FISH SOLUBLES, 1960-72

Year	U.S. production 1/		Imports		Total
	Tons	Percent	Tons	Percent	Tons
1960	98,929	96.9	3,174	3.1	102,103
1961	112,254	94.3	6,739	5.7	118,993
1962	124,649	95.2	6,308	4.8	130,957
1963	107,402	93.8	7,112	6.2	114,514
1964	93,296	95.1	4,783	4.9	98,079
1965	94,840	94.6	5,407	5.4	100,247
1966	83,441	94.7	4,640	5.3	88,081
1967	74,675	95.3	3,669	4.7	78,344
1968	71,833	97.2	2,097	2.8	73,930
1969	81,692	99.8	161	.2	81,853
1970	94,968	99.5	474	.5	95,442
1971	111,188	99.9	56	.1	111,244
1972	134,404	99.9	85	.1	134,489

1/ Includes homogenized condensed fish for 1959-63. Note:--Imports of solubles are understood to be on a wet-weight basis except for those from the Republic of South Africa, which are believed to be on a dry-weight basis. Record: U.S. production 165,359 tons, imports 26,630 tons, and total supply 191,989 tons in 1959.

SUPPLY OF FISH OILS, 1960-72

Year	U.S. production 1/	Imports 2/	Total supply	Exports 2/	Total for U.S. consumption
	Thousand pounds				
1960	205,619	8,932	214,551	143,659	70,892
1961	254,596	8,385	262,981	122,486	140,495
1962	247,464	10,755	258,219	123,050	135,169
1963	183,673	8,579	192,252	262,342	-70,090
1964	177,015	11,828	188,843	151,469	37,374
1965	192,773	5,989	198,762	103,807	94,955
1966	162,680	12,664	175,344	77,255	98,089
1967	119,915	6,952	126,874	76,816	50,058
1968	171,678	5,882	177,556	65,129	112,427
1969	168,049	4,206	172,255	196,073	-23,818
1970	205,404	5,543	210,947	158,787	52,160
1971	265,032	7,512	272,544	229,898	42,646
1972	188,445	9,230	197,675	193,198	4,477

1/ Excludes whale and sperm oil. 2/ Excludes liver, whale, and sperm oil.

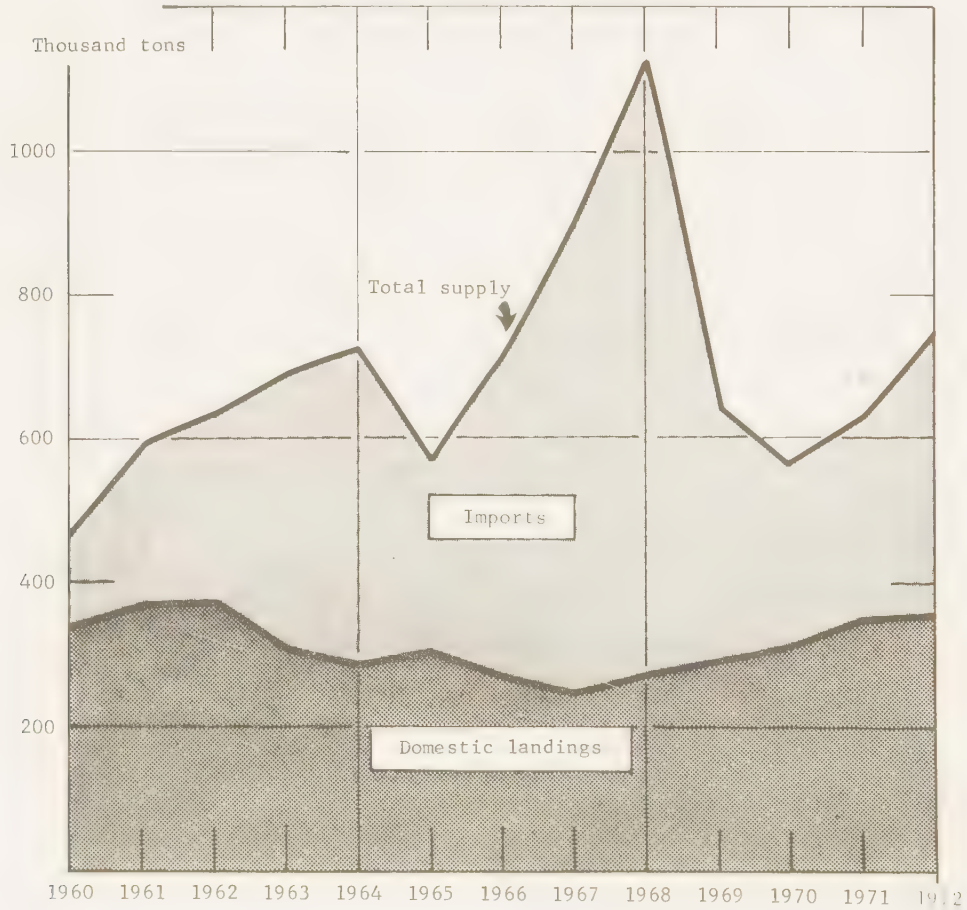
SUPPLY OF FISHERY PRODUCTS

SUPPLY OF FISH MEAL AND SOLUBLES, 1960-72

Year	U.S. production 1/		Imports		Total
	Tons	Percent	Tons	Percent	Tons
1960	339,601	71.8	133,349	28.2	472,950
1961	367,392	62.3	221,923	37.7	589,315
1962	374,583	59.4	256,284	40.6	630,867
1963	309,608	44.9	380,132	55.1	689,740
1964	281,900	38.9	441,889	61.1	723,789
1965	301,471	52.9	268,097	47.1	569,568
1966	265,541	37.1	449,939	62.9	715,480
1967	248,527	27.6	653,320	72.4	901,847
1968	271,053	24.0	*856,171	76.0	*1,127,224
1969	293,510	45.0	358,430	55.0	651,940
1970	316,681	55.7	251,729	44.3	568,410
1971	348,406	55.2	283,277	44.8	631,683
1972	352,688	47.4	391,998	52.6	744,686

1/ Includes homogenized condensed fish for 1960-63. Note:--Wet weight of solubles and homogenized condensed fish have been converted to dry weight by reducing their poundage by one-half. *Record (U.S. production: 389,231 tons in 1959).

U.S. SUPPLY OF FISH MEAL AND SOLUBLES, 1960-72



PURCHASES OF FRESH, FROZEN, AND CANNED FISHERY PRODUCTS, BY DEFENSE SUBSISTENCE SUPPLY CENTERS, 1960-72

Year	Fresh and frozen		Canned	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
1960	22,917	11,839	7,350	4,110
1961	23,450	12,470	8,615	4,271
1962	23,356	14,388	9,024	4,795
1963	23,400	13,017	7,067	3,512
1964	26,341	15,040	8,777	4,326
1965	27,712	18,685	14,145	7,146
1966	31,283	23,071	12,861	13,398
1967	32,097	22,991	14,942	20,259
1968	28,706	25,215	14,241	10,735
1969	22,000	20,700	8,080	9,641
1970	18,419	16,734	8,135	17,966
1971	17,884	18,895	10,920	15,243
1972	17,605	21,806	17,932	35,101

Note:--Armed Forces installations generally make some local purchases not included in the above data. Source:--U.S. Department of Defense.

PURCHASES OF PRINCIPAL FRESH AND FROZEN FISHERY PRODUCTS, BY DEFENSE SUBSISTENCE SUPPLY CENTERS, 1971 and 1972

Product	1971	1972
	Thousand pounds	
Shrimp:		
Raw headless	754	699
Peeled and deveined	892	725
Breaded	4,350	4,097
Molded and breaded	412	243
Total	6,408	5,764
Scallops	628	678
Oysters:		
Eastern	800	556
Pacific	201	197
Total	1,001	753
Fillets:		
Cod	225	253
Flounder	1,151	1,144
Ocean perch	1,144	1,353
Haddock	254	173
Portions:		
Haddock-cod	1,666	2,634
Flounder-ocean perch	2,445	2,308
Steaks:		
Halibut	398	480
Salmon	138	97
Spiny lobster tails	815	592

Note:--Armed Forces installations generally make some local purchases not included in the above data. Source:--U.S. Department of Defense.

PRICES

PRICES RECEIVED BY FISHERMEN

INDEXES OF EXVESSEL PRICES FOR FISH AND SHELLFISH, BY MONTHS, 1972

(1967=100)

Species or group	Jan.	Feb.	Mar.	Apr.	May	June
New England finfish:						
Cod	254.5	249.8	214.7	194.7	177.1	170.1
Haddock	306.4	245.4	252.8	208.4	201.0	205.1
Yellowtail flounder	200.3	219.3	203.0	202.1	196.7	185.9
Other flounders	210.1	210.1	189.9	151.5	149.3	148.5
Ocean perch	135.0	129.9	137.6	135.0	132.5	129.9
Pollock	199.8	264.0	314.6	247.1	177.7	182.8
Whiting	112.4	135.7	137.8	188.7	184.5	195.1
New England finfish	233.7	216.6	209.8	189.3	181.8	181.2
Red snapper	191.6	187.5	191.1	199.1	191.6	193.9
Pacific halibut	154.6	154.6	154.6	230.0	210.2	248.1
Salmon:						
Chinook - troll	112.4	112.4	112.4	112.4	137.9	137.9
Chinook - nontroll	166.0	166.0	166.0	166.0	221.4	221.4
Chum	114.4	114.4	114.4	114.4	114.4	114.4
Coho - troll	88.2	88.2	88.2	88.2	88.2	115.1
Coho - nontroll	153.8	153.8	153.8	153.8	153.8	153.8
Pink	108.4	108.4	108.4	108.4	108.4	108.4
Sockeye	125.4	125.4	125.4	125.4	125.4	125.4
Salmon	120.1	120.1	120.1	120.1	127.5	132.1
Tuna:						
Albacore	166.5	166.5	179.7	179.7	179.7	179.7
Skipjack	181.2	181.2	181.2	181.2	181.2	181.2
Bluefin	158.8	167.5	167.5	167.5	167.5	167.5
Yellowfin	156.8	156.8	156.8	156.8	156.8	156.8
Tuna	165.9	166.3	169.1	169.1	169.1	169.1
Edible finfish	162.0	158.3	157.7	156.9	157.2	160.7
Shrimp	158.3	163.8	159.4	172.4	161.6	150.6
Other shellfish:						
Hard clams	183.1	176.5	158.2	140.4	143.8	150.1
Soft clams	145.2	145.8	150.9	138.2	148.0	146.0
Surf clams	118.0	115.0	120.1	121.1	143.7	145.8
Hard blue crabs	135.4	192.9	181.1	142.2	148.9	145.5
King crabs	269.2	282.0	273.5	273.5	273.5	273.5
American (northern) lobsters	147.5	113.8	245.9	176.2	165.3	196.4
Eastern oysters	90.2	87.2	91.1	114.4	102.3	95.2
Sea scallops	210.4	230.4	242.8	236.5	241.0	255.0
Other shellfish	152.7	151.5	176.2	163.2	159.7	165.4
Edible shellfish	155.4	157.5	168.0	167.7	160.6	158.1
Edible fish	158.5	157.9	163.1	162.6	159.0	159.3
Industrial fish	111.7	86.6	86.6	114.9	126.2	122.2
Menhaden	111.7	86.6	86.6	114.9	126.2	122.2
All fish	155.3	153.0	157.8	159.3	156.7	156.7

(Continued on next page)

INDEXES OF EXVESSEL PRICES FOR FISH AND SHELLFISH, BY MONTHS, 1972 - Continued

(1967=100)

Species or group	July	Aug.	Sept.	Oct.	Nov.	Dec.
New England finfish:						
Cod	174.8	187.7	200.6	214.7	239.3	287.4
Haddock	277.6	247.1	233.9	238.8	295.7	287.4
Yellowtail flounder	195.8	134.4	166.9	157.9	156.1	202.1
Other flounders	186.2	197.1	194.9	180.4	172.5	202.9
Ocean perch	145.2	157.9	160.5	160.5	147.8	163.0
Pollock	171.0	194.7	169.1	157.3	106.5	93.0
Whiting	209.9	184.5	182.4	186.6	212.0	163.3
New England finfish	218.4	198.7	200.5	200.3	222.7	235.1
Red snapper	192.2	198.8	195.5	199.4	200.5	216.6
Pacific halibut	264.7	261.2	230.0	264.0	297.3	297.3
Salmon:						
Chinook - troll	137.9	144.2	148.5	148.5	148.5	148.5
Chinook - nontroll	221.4	239.8	239.8	262.0	254.6	254.6
Chum	114.4	218.4	231.5	375.6	358.1	358.1
Coho - troll	119.8	159.2	160.4	166.5	166.5	166.5
Coho - nontroll	197.8	263.7	263.7	285.7	281.3	281.3
Pink	108.4	259.4	275.1	275.1	275.1	275.1
Sockeye	191.9	209.0	211.1	211.1	211.1	211.1
Salmon	158.7	209.0	213.7	230.8	228.3	228.3
Tuna:						
Albacore	179.7	179.7	179.7	179.7	179.7	179.7
Skipjack	181.2	181.2	181.2	181.2	181.2	181.2
Bluefin	167.5	167.5	167.5	167.5	167.5	167.5
Yellowfin	156.8	156.8	156.8	156.8	156.8	156.8
Tuna	169.1	169.1	169.1	169.1	169.1	169.1
Edible finfish	180.5	196.8	197.7	206.3	211.7	214.8
Shrimp	154.7	141.1	140.2	147.1	142.3	146.8
Other shellfish:						
Hard clams	169.2	170.3	163.6	154.5	155.2	157.2
Soft clams	149.8	193.6	146.8	144.7	187.1	233.9
Surf clams	149.9	147.8	151.9	150.9	128.3	123.2
Hard blue crabs	145.5	132.0	140.5	159.1	167.6	138.8
King crabs	256.4	316.2	316.2	397.4	401.7	418.8
American (northern) lobsters	169.4	116.9	100.1	119.7	133.2	170.0
Eastern oysters	110.5	103.2	100.1	91.2	88.6	91.7
Sea scallops	254.1	272.3	283.6	288.7	271.0	254.3
Other shellfish	165.3	162.0	156.8	169.2	171.6	180.5
Edible shellfish	160.1	151.8	148.7	158.4	157.2	164.0
Edible fish	169.7	173.1	171.9	181.1	183.0	188.0
Industrial fish	129.5	139.2	139.2	167.5	161.8	163.4
Menhaden	129.5	139.2	139.2	167.5	161.8	163.4
All fish	166.9	170.8	169.6	180.2	181.5	186.3

Note:--Data are preliminary. Monthly prices for species representing about 70 percent of the landed value of all fish and shellfish during recent years have been combined into index groups to indicate movement of prices received by fishermen.

PRICES

INDEXES OF EXVESSEL PRICES FOR FISH AND SHELLFISH, BY YEARS, 1968-72

(1967=100)

Species or group	1968	1969	1970	1971	1972 1/
New England finfish:					
Cod	90.6	106.0	140.2	153.3	213.8
Haddock	115.5	154.7	195.8	212.8	250.0
Yellowtail flounder	97.8	122.9	136.8	148.0	185.0
Other flounders	108.1	108.8	123.0	133.3	182.8
Ocean perch	98.3	107.9	125.9	130.1	144.6
Pollock	112.5	107.2	153.6	152.6	189.8
Whiting	90.3	116.5	156.0	126.0	174.4
New England finfish	102.1	128.3	157.6	165.6	207.3
Red snapper	114.2	149.2	157.6	163.3	196.5
Pacific halibut	100.6	143.4	144.6	137.9	230.6
Salmon:					
Chinook - troll	105.1	126.0	149.2	126.2	133.5
Chinook - nontroll	112.9	123.2	132.8	156.3	214.9
Chum	110.0	122.4	116.7	112.9	195.2
Coho - troll	110.3	120.2	138.0	110.6	124.6
Coho - nontroll	95.4	109.2	131.8	145.9	208.0
Pink	102.9	114.4	110.0	106.4	176.6
Sockeye	111.3	117.5	113.0	117.5	166.5
Salmon	108.2	118.6	124.3	120.8	167.4
Tuna:					
Albacore	109.2	115.8	132.2	156.0	177.5
Skipjack	115.8	123.3	142.4	165.9	181.2
Bluefin	115.1	121.4	138.4	157.7	166.8
Yellowfin	109.6	115.2	130.6	148.4	156.8
Tuna	111.4	117.9	134.7	155.5	168.6
Edible finfish	107.6	122.4	136.4	142.8	180.0
Shrimp	113.3	121.2	116.4	138.8	153.2
Other shellfish:					
Hard clams	105.2	110.3	115.0	135.9	160.2
Soft clams	98.4	103.1	118.7	137.8	160.8
Surf clams	105.6	123.2	121.7	140.9	134.6
Hard blue crabs	187.9	222.6	106.6	158.0	152.5
King crabs	226.0	230.8	222.0	268.4	312.7
American (northern) lobsters	99.3	102.5	114.2	126.8	154.5
Eastern oysters	98.5	96.0	98.3	92.0	97.1
Sea scallops	143.7	143.6	173.6	184.2	253.3
Other shellfish	126.7	131.3	127.6	143.2	164.5
Edible shellfish	120.1	126.4	122.2	141.1	159.0
Edible fish	114.2	124.5	128.9	141.9	168.9
Industrial fish	99.8	123.0	141.1	132.8	129.1
Menhaden	99.8	123.0	141.1	132.8	129.1
All fish	113.2	124.4	129.8	141.3	166.2

1/ Preliminary.

Note:--Simple averages of the 12 monthly indexes.

WHOLESALE PRICE INDEXES

WHOLESALE PRICE INDEXES FOR EDIBLE FISH AND SHELLFISH, BY MONTHS, 1972

Group	Jan.	Feb.	Mar.	Apr.	May	June
			Index (1967=100)			
All fish and shellfish (fresh, frozen, and canned)	156.3	156.2	160.1	163.8	155.1	153.1
Fresh and frozen fishery products	168.5	167.7	172.5	178.2	164.6	161.4
Drawn, dressed, or whole finfish	183.7	163.1	181.8	189.5	158.7	166.3
Processed, fresh (fish and shellfish)	172.7	174.3	173.8	183.4	165.1	152.0
Processed, frozen (fish and shellfish)	154.7	164.3	165.5	165.9	168.2	167.9
Canned fishery products	132.0	133.3	135.3	135.3	135.9	136.4

Group	July	Aug.	Sept.	Oct.	Nov.	Dec.
			Index (1967=100)			
All fish and shellfish (fresh, frozen, and canned)	157.3	156.2	159.9	161.2	169.2	165.7
Fresh and frozen fishery products	166.8	164.0	165.8	167.4	179.2	174.3
Drawn, dressed, or whole finfish	178.9	185.7	194.7	196.7	232.8	212.1
Processed, fresh (fish and shellfish)	161.8	155.6	154.9	158.0	168.1	168.5
Processed, frozen (fish and shellfish)	164.1	158.7	158.1	158.0	156.1	155.8
Canned fishery products	138.4	140.3	148.1	148.9	149.2	148.4

Source:--U.S. Department of Labor, Bureau of Labor Statistics.

PRICES

WHOLESALE PRICES

AVERAGE WHOLESALE PRICES FOR EDIBLE FISH AND SHELLFISH, BY MONTHS, 1972

Group, subgroup, and item specification	Point of pricing	Unit	Jan.	Feb.	Mar.	Apr.	May	June
			- - - - - - - - Dollars - - - - - - - -					
FRESH AND FROZEN FISHERY PRODUCTS:								
Haddock, large, offshore, drawn, fresh.	Boston	lb.	.60	.44	.55	.63	.37	.41
Halibut, West., 20/80 lbs., dressed, fresh or frozen	New York	lb.	.61	.63	.69	.72	.75	.75
Salmon, king, large & medium, dressed, fresh or frozen	New York	lb.	1.18	1.16	1.16	1.16	1.18	1.28
Whitefish, L. Superior, drawn, fresh.	Chicago	lb.	.76	.87	1.03	.68	.83	.53
Yellow pike, L. Michigan & Huron, round, fresh	New York	lb.	1.00	1.02	1.03	1.02	1.02	1.02
PROCESSED, FRESH (Fish & Shellfish):								
Fillets, haddock, small, skins on, 20-lb. tins.	Boston	lb.	1.50	1.25	1.05	1.45	1.15	1.00
Shrimp, large (26-30 count), headless, fresh.	New York	lb.	1.95	2.05	2.10	2.15	1.93	1.75
Oysters, shucked, standards . . .	Norfolk	gal.	8.75	8.75	8.75	8.63	8.75	8.75
PROCESSED, FROZEN (Fish & shellfish):								
Fillets: Flounder, skinless, 1-lb. package.	Boston	lb.	.54	.56	.59	.63	.61	.65
Haddock, small, skins on, 1-lb. package. . .	Boston	lb.	.56	.59	.59	.59	.59	.59
Ocean perch, large, skins on, 1-lb. package.	Boston	lb.	.36	.36	.39	.40	.40	.43
Shrimp, large (26-30 count), brown, 5-lb. package	Chicago	lb.	1.91	2.05	2.06	2.03	2.10	2.06
Shrimp, raw, breaded, (15-20 count), 4-lb. pkg.	Selected areas	lb.	1.39	1.50	1.50	1.53	1.53	1.54
Fish blocks, cod, raw, 13-1/2 - 16-lb. ctn..	Selected areas	lb.	.47	.47	.47	.47	.46	.46
Fish sticks, cod, precooked, breaded, 1/2-1-lb. pkg..	Selected areas	lb.	.69	.70	.70	.71	.71	.71
Fish portions, cod, raw, breaded, 6-lb. pkg.	Selected areas	lb.	.55	.56	.57	.57	.57	.57
CANNED FISHERY PRODUCTS:								
Salmon, pink, No. 1 tall (16 oz.) 48 cans/cs	Seattle	cs.	36.00	37.00	37.00	37.00	37.50	37.50
Tuna, light meat, chunk, No. 1/2 (6-1/2 oz.) 48 cans/cs	Los Angeles	cs.	17.10	17.10	17.60	17.60	17.60	17.72
Mackerel, jack, California, No. 1 tall (15 oz.) 48 cans/cs	Los Angeles	cs.	8.63	8.63	8.75	8.75	8.75	8.75
Sardines, Maine, keyless, oil, 1/4 drawn (3-3/4 oz.) 100 cans/cs. .	New York	cs.	16.75	16.75	16.75	16.75	16.75	16.75

(Continued on next page)

AVERAGE WHOLESALE PRICES FOR EDIBLE FISH AND SHELLFISH, BY MONTHS, 1972 - Continued

Group, subgroup, and item specification	Point of pricing	Unit	July	Aug.	Sept.	Oct.	Nov.	Dec.
FRESH AND FROZEN FISHERY PRODUCTS:								
Haddock, large, offshore, drawn, fresh.	Boston	lb.	.46	.46	.50	.50	.75	.61
Halibut, West., 20/80 lbs., dressed, fresh or frozen	New York	lb.	.85	.90	.91	.95	.95	.93
Salmon, king, large & medium, dressed, fresh or frozen	New York	lb.	1.34	1.39	1.43	1.48	1.50	1.45
Whitefish, L. Superior, drawn, fresh.	Chicago	lb.	.53	.70	.74	.61	.66	.84
Yellow pike, L. Michigan & Huron, round, fresh	New York	lb.	.96	1.01	1.06	.96	1.00	.99
PROCESSED, FRESH (Fish & shellfish):								
Fillets, haddock, small, skins on, 20-lb. tins.	Boston	lb.	1.13	1.10	1.25	1.35	1.35	1.60
Shrimp, large (26-30 count), headless, fresh.	New York	lb.	1.85	1.73	1.60	1.65	1.79	1.73
Oysters, shucked, standards . . .	Norfolk	gal.	9.25	9.75	11.00	10.50	11.00	11.00
PROCESSED, FROZEN (Fish & shellfish):								
Fillets: Flounder, skinless, 1-lb. package.	Boston	lb.	.66	.69	.72	.72	.75	.75
Haddock, small, skins on, 1-lb. package. . .	Boston	lb.	.59	.59	.59	.59	.59	.59
Ocean perch, large, skins on, 1-lb. package.	Boston	lb.	.44	.47	.49	.49	.51	.52
Shrimp, large (26-30 count), brown, 5-lb. package	Chicago	lb.	1.93	1.77	1.75	1.73	1.68	1.67
Shrimp, raw, breaded (15-20 count), 4-lb. pkg.	Selected areas	lb.	1.54	1.50	1.49	1.50	1.48	1.48
Fish blocks, cod, raw, 13-1/2 - 16-lb. ctn..	Selected areas	lb.	.47	.47	.47	.47	.47	.48
Fish sticks, cod, precooked, breaded, 1/2-1-lb. pkg..	Selected areas	lb.	.73	.73	.73	.73	.74	.74
Fish portions, cod, raw, breaded, 6-lb. pkg.	Selected areas	lb.	.58	.58	.58	.58	.58	.58
CANNED FISHERY PRODUCTS:								
Salmon, pink, No. 1 tall (16 oz.) 48 cans/cs	Seattle	cs.	37.50	38.00	44.25	44.25	44.50	45.00
Tuna, light meat, chunk, No. 1/2 (6-1/2 oz.) 48 cans/cs	Los Angeles	cs.	18.23	18.35	18.35	18.60	18.60	18.60
Mackerel, jack, California, No. 1 tall (15 oz.) 48 cans/cs	Los Angeles	cs.	8.88	8.88	8.88	9.00	9.00	9.00
Sardines, Maine, keyless, oil, 1/4 drawn (3-3/4 oz.) 100 cans/cs. .	New York	cs.	16.75	17.55	17.30	17.10	17.10	15.75

Note:--Represent average prices for one day (Monday or Tuesday) during the week in which the 13th of the month occurs. These prices are published as indicators of movement and not necessarily absolute level. Daily Market News Service "Fishery Products Reports" should be referred to for actual prices.

Source:--U.S. Department of Labor, Bureau of Labor Statistics.

PRICES

RETAIL PRICES

Estimated retail prices of fishery products are collected by the Bureau of Labor Statistics of the U.S. Department of Labor for use in the food component of the Consumer Price Index.

The Consumer Price Index (CPI) is based on prices from a sample of 39 standard Metropolitan Statistical Areas and 17 small cities collected to represent all urban areas of the United States, ranging in size from cities with a population of 2,500 to New York City. Agents collect monthly food prices from chain and independent retail food stores that voluntarily report their selling prices. Prices are those in effect on the day of the agent's visit and include any sale or weekend special prices which are offered on that day. The Bureau's agents use a description defining the quality or grade and size range for each food for which prices are collected. All prices are converted to a standard unit and population weights are employed in obtaining U.S. average prices for all areas combined.

RETAIL PRICES OF FISHERY PRODUCTS, BY MONTHS, 1971 AND 1972

Item		Jan.	Feb.	Mar.	April	May	June
CONSUMER PRICE INDEX FOR FISH (1967=100)	1971	125.4	127.0	127.7	128.6	129.4	130.3
	1972	134.7	137.0	138.3	139.8	140.2	141.3
RETAIL PRICES, U.S. AVERAGES:				Cents per unit			
Shrimp, frozen, 10 oz. (41 cities)	1971	99.0	100.9	101.3	101.8	103.0	103.9
	1972	109.0	111.5	113.5	115.7	116.8	117.7
Ocean Perch, fillet, frozen, lb. (38 cities)	1971	69.1	70.9	71.7	72.7	73.5	73.7
	1972	73.4	73.7	72.5	73.1	73.3	73.8
Haddock fillet, frozen, lb. (33 cities)	1971	93.8	96.4	98.4	98.9	100.0	101.2
	1972	102.4	102.7	102.9	103.4	104.0	104.9
Tuna, 6-1/2 oz. can (44 cities)	1971	43.3	43.6	43.9	44.3	44.2	44.4
	1972	44.1	44.7	45.2	45.6	45.8	45.9
Sardines, 4 oz. can (43 cities)	1971	19.3	19.6	19.7	19.8	20.0	20.4
	1972	21.5	21.6	21.4	21.6	21.7	21.8

Item		July	Aug.	Sept.	Oct.	Nov.	Dec.
CONSUMER PRICE INDEX FOR FISH (1967=100)	1971	131.0	131.9	132.5	132.8	132.9	133.1
	1972	142.0	142.8	144.4	145.8	148.0	148.6
RETAIL PRICES, U.S. AVERAGES:				Cents per unit			
Shrimp, frozen, 10 oz. (41 cities)	1971	105.4	106.1	106.8	107.1	107.8	107.1
	1972	118.2	118.6	119.7	119.5	121.9	121.8
Ocean perch, fillet, frozen, lb. (38 cities)	1971	73.5	73.3	73.2	73.7	72.2	71.8
	1972	75.2	77.1	78.0	82.1	84.6	85.1
Haddock fillet, frozen, lb. (33 cities)	1971	101.8	101.6	101.8	102.0	102.4	101.8
	1972	105.3	106.9	108.4	108.8	112.0	113.7
Tuna, 6-1/2 oz. can (44 cities)	1971	44.2	44.2	44.3	44.1	43.9	44.1
	1972	45.7	45.3	45.6	46.0	46.1	46.4
Sardines, 4 oz. can (43 cities)	1971	20.5	20.8	21.0	21.1	21.2	21.4
	1972	21.9	22.1	22.6	22.7	22.9	23.0

Source:--Department of Labor, Bureau of Labor Statistics.

VALUE OF PROCESSED FISHERY PRODUCTS AT PROCESSOR'S LEVEL, 1971 AND 1972

(Processed from domestic catch and imported products)

Item	1971		1972 1/	
	Thousand dollars	Percent of total	Thousand dollars	Percent of total
Canned	770,597	41.6	989,329	43.5
Fish:				
Fillets and steaks	75,445	4.1	88,248	3.9
Sticks	56,807	3.1	61,174	2.7
Portions	123,136	6.6	146,741	6.4
Breaded shrimp	121,213	6.5	139,679	6.1
Other (fish and shellfish)	519,324	28.0	615,612	27.0
Cured	78,958	4.3	80,000	3.5
Industrial products 2/	106,551	5.8	156,217	6.9
Total	1,852,031	100.0	2,277,000	100.0

1/ Preliminary.
2/ Does not include the value of imported fish meal that may be further processed, or the value of sealskins.

ESTIMATED VALUE OF FISHERY PRODUCTS AT VARIOUS LEVELS, 1971 AND 1972

Level	1971 1/			1972 2/		
	Domestic	Imports	Total	Domestic	Imports	Total
	Million dollars					
Processor (fishermen)	643	-	643	704	-	704
Import (declared value)	-	1,074	1,074	-	1,494	1,494
Processor	1,264	3/ 588	1,852	1,430	3/ 847	2,277
Wholesale	4/1,388	5/1,762	3,150	4/1,575	5/2,240	3,815
Retail	4/1,968	6/2,289	4,257	4/2,127	6/2,575	4,702

1/ Revised.
2/ Preliminary.
3/ Estimated value of products processed in the United States from imported raw material.
4/ Estimated on the basis of actual and estimated weighted average mark-ups for each of the 17 most important species of fish and shellfish and on an overall estimated mark-up for the remaining species.
5/ Calculated by using the value at the processor level, of products processed in the United States from imports, plus the declared value of all United States imports except those further processed in the United States, and multiplying by an estimated average mark-up factor.
6/ Represents the wholesale value of imported fishery products multiplied by an estimated overall mark-up factor.

PER CAPITA UTILIZATION

Per capita utilization of all commercially caught fish and shellfish is based on the total supply of fishery products, both edible and industrial, (see p. 50) on a round-weight equivalent basis, without taking into consideration beginning or ending stocks, exports, defense purchases, or shipments to U.S. territories.

Per capita utilization figures are not comparable with per capita consumption data (see pp. 71-73). Per capita consumption figures are derived from using an edible (for human use) meat-weight basis rather than round weight. In addition, the determination of consumption includes allowances for beginning and ending stocks, exports, defense purchases, and shipments to U.S. territories, whereas the determination of utilization does not include such allowances.

Per capita utilization is derived by using total population including armed forces overseas and per capita consumption is derived by using civilian resident population as of July 1 each year.

TOTAL PER CAPITA UTILIZATION, 1950-72

Year	Total population including armed forces overseas	Total U.S. supply 1/	Per capita utilization		
			Domestic catch	Imports	Total
	Million persons	Million pounds	Pounds		
1950	152.3	6,547	32.2	10.8	43.0
1951	154.9	6,757	28.6	15.0	43.6
1952	157.6	7,636	28.1	20.4	48.5
1953	160.2	7,015	28.0	15.8	43.8
1954	163.0	7,593	29.2	17.4	46.6
1955	165.9	7,121	29.0	13.9	42.9
1956	168.9	7,569	31.2	13.6	44.8
1957	172.0	7,164	27.9	13.8	41.7
1958	174.9	7,526	27.1	15.9	43.0
1959	177.8	8,460	28.8	18.8	47.6
1960	180.7	8,223	27.3	18.2	45.5
1961	183.7	9,570	28.2	23.9	52.1
1962	186.5	10,408	28.7	27.1	55.8
1963	189.2	11,434	25.6	34.8	60.4
1964	191.9	12,031	23.7	39.0	62.7
1965	194.3	10,535	24.6	29.6	54.2
1966	196.6	12,469	22.2	41.2	63.4
1967	198.7	13,991	20.4	50.0	70.4
1968	200.7	17,381	20.7	65.9	86.6
1969	202.7	11,847	21.4	37.0	58.4
1970	204.9	11,474	24.0	32.0	56.0
1971	207.0	11,755	24.0	32.8	56.8
1972 2/	208.8	13,753	22.6	43.3	65.9

1/ Includes commercial landings of both edible and industrial fishery products on a round weight basis. "Total supply" is not adjusted for beginning and ending stocks, exports, defense purchases, or shipments to U.S. territories.

PER CAPITA CONSUMPTION

Per capita consumption of fishery products in 1972 reached 12.2 pounds, edible meat, tying the record set in 1927. The 1972 per capita consumption was 0.8 pound more than in 1971. This increase was due to increased consumption of fresh and frozen products and canned products, especially tuna. Additional supplies were made available through a 24 percent increase in imports of fresh and frozen fillets, steaks, and blocks and a 40 percent increase in the U.S. production of canned tuna.

PER CAPITA CONSUMPTION OF COMMERCIALLY-CAUGHT FISH AND SHELLFISH, 1950-72

Year	Civilian resident population July 1	Per capita consumption			
		Fresh and Frozen	Canned	Cured	Total
	Million persons	Pounds, edible meat			
1950	150.8	6.3	4.9	0.6	11.8
1951	151.6	6.3	4.3	.6	11.2
1952	153.9	6.2	4.3	.7	11.2
1953	156.6	6.4	4.3	.7	11.4
1954	159.7	6.2	4.3	.7	11.2
1955	163.0	5.9	3.9	.7	10.5
1956	166.1	5.7	4.0	.7	10.4
1957	169.1	5.5	4.0	.7	10.2
1958	172.2	5.7	4.3	.6	10.6
1959	175.3	5.9	4.4	.6	10.9
1960	178.1	5.7	4.0	.6	10.3
1961	181.1	5.9	4.3	.5	10.7
1962	183.7	5.8	4.3	.5	10.6
1963	186.5	5.8	4.4	.5	10.7
1964	189.1	5.9	4.1	.5	10.5
1965	191.6	6.0	4.4	.5	10.9
1966	193.4	6.1	4.3	.5	10.9
1967	195.3	5.8	4.3	.5	10.6
1968	197.1	6.2	4.3	.5	11.0
1969	199.1	6.6	4.2	.4	11.2
1970	201.7	6.9	4.5	.4	11.8
1971	204.3	6.6	4.3	.5	11.4
1972 1/	206.5	6.9	4.9	.4	12.2

1/ Preliminary.

PER CAPITA CONSUMPTION

PER CAPITA CONSUMPTION OF CANNED FISHERY PRODUCTS, 1950-72

Year	Salmon	Sardines	Tuna	Shellfish	Other	Total
	Pounds					
1950	1.4	1.4	1.1	0.4	0.6	4.9
1951	1.4	.8	1.2	.4	.5	4.3
1952	1.4	.5	1.3	.3	.8	4.3
1953	1.3	.7	1.4	.4	.5	4.3
1954	1.1	.8	1.4	.4	.6	4.3
1955	1.0	.6	1.4	.4	.5	3.9
1956	1.1	.4	1.6	.4	.5	4.0
1957	1.0	.4	1.6	.4	.6	4.0
1958	1.1	.6	1.8	.4	.4	4.3
1959	.9	.6	1.9	.5	.5	4.4
1960	.7	.4	2.0	.4	.5	4.0
1961	.8	.5	2.1	.4	.5	4.3
1962	.9	.3	2.1	.4	.6	4.3
1963	.9	.4	2.0	.5	.6	4.4
1964	.7	.3	2.0	.5	.6	4.1
1965	.9	.3	2.3	.5	.4	4.4
1966	.8	.4	2.3	.4	.4	4.3
1967	.7	.4	2.4	.5	.3	4.3
1968	.7	.4	2.4	.5	.3	4.3
1969	.7	.4	2.4	.5	.2	4.2
1970	.7	.4	2.5	.5	.4	4.5
1971	.7	.4	2.4	.5	.3	4.3
1972 1/	.7	.4	2.9	.5	.4	4.9

1/ Preliminary.

PER CAPITA CONSUMPTION OF CERTAIN FISHERY ITEMS, 1950-72

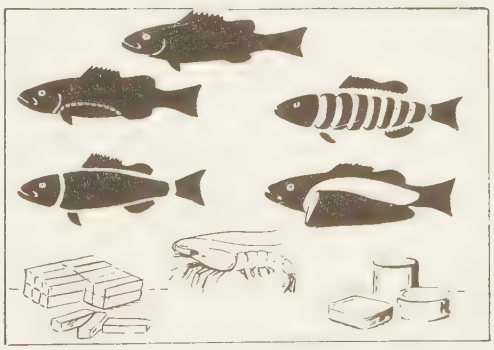
Year	Fillets and steaks 1/	Sticks and portions	Shrimp raw, all preparations
	Pounds 2/		
1950	1.86	(3)	0.75
1951	2.23	(3)	.87
1952	2.14	(3)	.92
1953	2.02	(3)	.92
1954	2.22	(3)	.94
1955	1.84	(3)	.98
1956	1.82	(3)	.93
1957	1.91	(3)	.83
1958	1.82	0.48	.88
1959	1.70	.55	1.04

See footnotes at end of table. (Continued on next page)

PER CAPITA CONSUMPTION OF CERTAIN FISHERY ITEMS, 1950-72 - Continued

Year	Fillets and steaks 1/	Sticks and portions	Shrimp, raw, all preparations
		Pounds 2/	
1960	1.64	0.63	1.08
1961	1.67	.71	1.01
1962	1.77	.82	1.02
1963	1.60	.92	1.17
1964	1.62	.98	1.16
1965	1.68	1.12	1.24
1966	1.74	1.14	1.21
1967	1.69	1.21	1.29
1968	1.88	1.32	1.37
1969	2.03	1.63	1.31
1970	2.19	1.73	1.44
1971	2.07	1.63	1.39
1972 4/	2.28	1.78	1.42

1/ Includes groundfish and other species. Does not include blocks, but fillets could be made into blocks from which sticks and portions could be produced.
2/ Product weight of fillets and steaks and sticks and portions, edible weight of shrimp.
3/ Data not available.
4/ Preliminary.



PER CAPITA CONSUMPTION

ANNUAL PER CAPITA CONSUMPTION OF FISH AND SHELLFISH, BY REGION AND COUNTRY,

LATEST AVAILABLE DATA

Region and country	Period	Estimated edible weight
		Pounds
Europe:		
Albania	1964-66	2.4
Austria	1969-70	8.0
Belgium and Luxembourg	1969-70	17.7
Bulgaria	1964-66	4.8
Czechoslovakia	1964-66	7.2
Denmark	1963-65	38.6
Finland	1970-71	26.6
France	1969-70	17.7
Germany, East	1964-66	18.5
Germany, Federal Republic of	1969-70	8.9
Greece	1967	23.3
Hungary	1970	4.8
Iceland	1964-66	86.1
Ireland	1970	10.5
Italy	1969-70	13.7
Malta	1964-66	7.2
Netherlands	1970-71	12.9
Norway	1969-70	39.4
Poland	1964-66	10.5
Portugal	1970	50.7
Romania	1964-66	3.2
Spain	1969-70	29.8
Sweden	1970-71	45.1
Switzerland	1969-70	9.7
United Kingdom	1970-71	19.3
Yugoslavia	1968	1.6
Union of Soviet Socialist Republics	1964-66	22.5
North America:		
Canada	1966-68	12.1
United States	1972	12.2
Latin America:		
Argentina	1969	4.8
Barbados	1966	29.8
Bolivia	1964-66	1.6
Brazil	1970	5.6
Chile	1970	14.5
Colombia	1970	4.0
Costa Rica	1970	4.8
Cuba	1964-66	9.7
Dominican Republic	1968	8.9
Ecuador	1970	4.0
El Salvador	1970	3.2
Guatemala	1970	.8
Guyana	1967	23.3
Haiti	1964-66	.8
Honduras	1970	1.6
Jamaica	1964-66	27.4
Mexico	1964-66	4.0
Nicaragua	1970	2.4
Panama	1970	22.5
Paraguay	1970	.8
Peru	1968	18.5
Puerto Rico	1964-66	8.0

(Continued on next page)

ANNUAL PER CAPITA CONSUMPTION OF FISH AND SHELLFISH, BY REGION AND COUNTRY,

LATEST AVAILABLE DATA - Continued

Region and country	Period	Estimated edible weight
Latin America - Continued:		
		Pounds
Surinam	1968	16.9
Trinidad and Tobago	1964-66	17.7
Uruguay	1970	4.0
Venezuela	1970	10.5
Near East:		
Cyprus	1964-66	5.6
Egypt	1968-69	3.2
Iran	1964-66	.8
Iraq	1964-66	1.6
Israel	1969-70	14.5
Jordan	1964-66	1.6
Lebanon	1964-66	4.8
Libya	1970	6.4
Saudi Arabia	1964-66	3.2
Sudan	1964-66	1.6
Syria	1964-66	1.6
Turkey	1964-66	4.0
Yemen Arab Republic	1964-66	.8
Yemen (Aden)	1964-66	24.1
Far East:		
Burma	1964-66	11.3
Ceylon	1970	13.7
China, Peoples Republic of (Mainland)	1964-66	8.0
China, Republic of (Taiwan)	1969	33.0
Hong Kong	1964-66	46.7
India	1969-70	2.4
Indonesia	1970	8.9
Japan	1970	70.8
Khmer Republic (Cambodia)	1964-66	44.3
Korea, North	1964-66	16.1
Korea, Republic of	1969	21.7
Laos	1964-66	.8
Malaysia:		
Sahab	1964-66	51.5
Sarawak	1964-66	28.2
West Malaysia	1964-66	23.3
Nepal	1964-66	.8
Pakistan	1969-70	4.0
Philippines	1969	43.5
Singapore	1964-66	38.6
Thailand	1964-66	19.3
Vietnam, North	1964-66	12.1
Vietnam, South	1964-66	25.7
Africa:		
Algeria	1964-66	1.6
Angola	1964-66	8.9
Burundi	1970	3.2
Cameroon	1964-66	10.5
Central African Republic	1964-66	8.0
Chad	1964-66	15.3
Congo (Brazzaville)	1964-66	24.9

(Continued on next page)

PER CAPITA CONSUMPTION

ANNUAL PER CAPITA CONSUMPTION OF FISH AND SHELLFISH, BY REGION AND COUNTRY,

LATEST AVAILABLE DATA - Continued

Region and country	Period	Estimated edible weight
Africa - Continued:		Pounds
Dahomey	1964-66	8.0
Gabon	1964-66	19.3
Gambia	1964-66	20.9
Ghana	1966-68	10.5
Guinea	1964-66	4.0
Ivory Coast	1964-66	12.9
Kenya	1970	3.2
Liberia	1964-66	11.3
Madagascar	1970	8.0
Malawi	1970	4.0
Mali	1964-66	7.2
Mauritania	1964-66	13.7
Mauritius	1970	11.3
Morocco	1964-66	3.2
Mozambique	1964-66	2.4
Niger	1964-66	.8
Nigeria	1969	11.3
Rhodesia	1964-66	2.4
Senegal	1964-66	28.2
Sierra Leone	1964-66	14.5
Somalia	1964-66	.8
South Africa, Republic of	1964-66	9.7
Tanzania	1970	8.0
Togo	1964-66	5.6
Tunisia	1964-66	4.8
Uganda	1964-66	8.9
Upper Volta	1964-66	1.6
Zaire	1964-66	7.2
Zambia	1964-66	10.5
Oceania:		
Australia	1969-70	12.9
New Zealand	1970	14.5

Note:--Data for most countries are tentative.

Source:--Production Yearbook, 1971, Volume 25, Food and Agriculture Organization of the United Nations.

NUMBER OF FULL-TIME AND PART-TIME COMMERCIAL FISHERMEN, BY STATE, 1972 1/

State	Full-time	Part-time	Total
	Number		
Alabama	1,950	500	2,450
Alaska	14,900	3,800	18,700
Arkansas	600	2,400	3,000
California	5,610	4,590	10,200
Connecticut	250	550	800
Delaware	160	500	660
Florida	10,050	2,300	12,350
Georgia	730	840	1,570
Hawaii	1,250	290	1,540
Idaho	(2)	430	430
Illinois	100	290	390
Indiana	20	110	130
Iowa	210	540	750
Kansas	-	100	100
Kentucky	100	500	600
Louisiana	9,500	3,300	12,800
Maine	4,580	4,920	9,500
Maryland	6,000	9,000	15,000
Massachusetts	3,650	4,250	7,900
Michigan	190	310	500
Minnesota	180	600	780
Mississippi	2,350	1,250	3,600
Missouri	60	490	550
Montana	20	(2)	20
Nebraska	40	180	220
New Hampshire	50	400	450
New Jersey	1,760	960	2,720
New York	2,230	3,130	5,360
North Carolina	2,210	1,580	3,790
North Dakota	10	-	10
Ohio	60	320	380
Oklahoma	20	50	70
Oregon	1,030	3,510	4,540
Pennsylvania	10	10	20
Rhode Island	790	930	1,720
South Carolina	720	820	1,540
South Dakota	20	50	70
Tennessee	300	400	700
Texas	6,650	900	7,550
Virginia	4,080	970	5,050
Washington	3,020	7,200	10,220
Wisconsin	270	910	1,180
Wyoming	(2)	(2)	(2)

1/ All data are estimated. Data are not directly comparable with previous year's data. See Glossary for definitions of "full-time" and "part-time" commercial fishermen.

2/ Less than 5.

EMPLOYMENT, CRAFT, AND PLANTS

ADDITIONS TO THE U.S. FISHING FLEET, 1971

Gross tonnage	By tonnage groups									
	New England	Middle Atlantic	Chesa-peake	South Atlantic	Gulf	Pacific Coast	Great Lakes	Hawaii	Puerto Rico	Total
	Number									
5 - 9	10	2	78	8	26	90	2	1	-	217
10 - 19	18	11	35	16	78	194	-	1	-	353
20 - 29	4	4	2	9	36	64	-	1	-	120
30 - 39	2	-	1	5	17	17	-	-	-	42
40 - 49	2	1	1	2	7	16	-	1	-	30
50 - 59	-	1	-	3	8	12	-	-	-	24
60 - 69	-	-	-	2	11	5	-	-	-	18
70 - 79	1	-	-	5	6	4	-	-	-	16
80 - 89	1	-	-	3	24	1	-	-	-	29
90 - 99	1	5	-	6	40	3	-	-	-	55
100 - 109	1	-	-	1	17	1	-	-	-	20
110 - 119	-	-	-	2	16	-	-	-	-	18
120 - 129	1	-	-	-	13	-	-	-	-	14
130 - 139	-	-	-	3	8	-	-	-	-	11
140 - 149	-	-	1	-	1	1	-	-	-	3
150 - 159	-	1	-	-	2	1	1	1	-	6
160 - 169	-	1	4	-	2	1	-	-	-	8
180 - 189	-	-	1	-	-	-	-	-	-	1
190 - 199	2	1	-	-	1	1	-	-	-	5
230 - 239	-	-	1	-	-	-	-	-	-	1
240 - 249	-	-	-	1	-	-	-	-	-	1
250 - 259	-	-	-	-	1	-	-	-	-	1
510 - 519	-	-	-	-	1	-	-	-	-	1
530 - 539	-	-	-	-	2	-	-	-	-	2
550 - 559	-	-	-	-	-	1	-	-	-	1
830 - 839	-	-	-	-	-	-	-	-	1	1
890 - 899	-	-	-	-	-	-	-	-	1	1
900 - 909	-	-	-	-	-	1	-	-	-	1
910 - 919	-	-	-	-	-	-	-	-	4	4
930 - 939	-	-	-	-	-	1	-	-	-	1
950 - 959	-	-	-	-	-	-	-	-	1	1
1110 - 1119	-	-	-	-	-	2	-	-	-	2
1120 - 1129	-	-	-	-	-	1	-	-	-	1
1230 - 1239	-	-	-	-	-	-	-	-	1	1
1240 - 1249	-	-	-	-	-	-	-	-	1	1
1270 - 1279	-	-	-	-	-	-	-	-	1	1
1300 - 1309	-	-	-	-	-	-	-	-	1	1
1320 - 1329	-	-	-	-	-	-	-	-	3	3
Total: Vessels	43	27	124	66	317	417	3	5	14	1,016
Gross tonnage	1,444	1,333	2,326	3,237	19,649	14,256	167	234	15,379	58,025

Length in feet	By length distribution									
	New England	Middle Atlantic	Chesa-peake	South Atlantic	Gulf	Pacific Coast	Great Lakes	Hawaii	Puerto Rico	Total
	Number									
20 - 29	5	3	2	7	11	153	1	-	-	182
30 - 39	24	8	91	18	93	169	1	3	-	407
40 - 49	6	6	21	14	56	60	-	-	-	163
50 - 59	1	2	2	5	18	17	-	-	-	45
60 - 69	1	5	1	16	97	7	-	1	-	128
70 - 79	4	-	4	5	35	5	1	-	-	54
80 - 89	-	1	1	-	2	-	-	1	-	5

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ADDITIONS TO THE U.S. FISHING FLEET, 1971 - Continued

Length in feet	By length distribution									
	New England	Middle Atlantic	Chesa-peake	South Atlantic	Gulf	Pacific Coast	Great Lakes	Hawaii	Puerto Rico	Total
	Number									
90 - 99	-	2	1	-	1	-	-	-	-	4
100 - 109	2	-	-	-	-	-	-	-	-	2
120 - 129	-	-	1	1	1	-	-	-	-	3
140 - 149	-	-	-	-	-	1	-	-	-	1
160 - 169	-	-	-	-	3	3	-	-	-	6
170 - 179	-	-	-	-	-	-	-	-	2	2
180 - 189	-	-	-	-	-	-	-	-	1	1
190 - 199	-	-	-	-	-	2	-	-	7	9
210 - 219	-	-	-	-	-	-	-	-	4	4
Total: Vessels	43	27	124	66	317	417	3	5	14	1,016

Horse-power	By horsepower distribution									
	New England	Middle Atlantic	Chesa-peake	South Atlantic	Gulf	Pacific Coast	Great Lakes	Hawaii	Puerto Rico	Total
	Number									
Under 100	-	-	4	6	11	52	1	2	-	76
100 - 199	19	3	30	16	109	163	-	1	-	341
200 - 299	8	4	34	16	47	119	-	-	-	228
300 - 399	11	14	44	22	122	52	1	1	-	267
400 - 499	3	1	4	1	14	16	-	-	-	39
500 - 599	-	2	-	4	7	4	1	-	-	18
600 - 699	-	2	5	-	1	4	-	-	-	12
700 - 799	-	-	2	-	2	2	-	-	-	6
800 - 899	1	1	-	-	-	-	-	1	-	3
1000 - 1099	-	-	1	1	1	-	-	-	-	3
1100 - 1199	1	-	-	-	-	-	-	-	-	1
1200 - 1299	-	-	-	-	-	1	-	-	-	1
1500 - 1599	-	-	-	-	3	-	-	-	-	3
2800 - 2899	-	-	-	-	-	-	-	-	1	1
3100 - 3199	-	-	-	-	-	-	-	-	5	5
3500 - 3599	-	-	-	-	-	-	-	-	1	1
3600 - 3699	-	-	-	-	-	4	-	-	7	11
Total: Vessels	43	27	124	66	317	417	3	5	14	1,016

Year built	By year built									
	New England	Middle Atlantic	Chesa-peake	South Atlantic	Gulf	Pacific Coast	Great Lakes	Hawaii	Puerto Rico	Total
	Number									
1909.	-	-	1	-	-	-	-	-	-	1
1914.	-	-	-	-	-	1	-	-	-	1
1916.	-	-	-	-	-	1	-	-	-	1
1918.	-	-	-	-	-	2	-	-	-	2
1920.	-	-	-	-	-	1	-	-	-	1

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EMPLOYMENT, CRAFT, AND PLANTS

ADDITIONS TO THE U.S. FISHING FLEET, 1971 - Continued

Year built	By year built									
	New England	Middle Atlantic	Chesa-peake	South Atlantic	Gulf	Pacific Coast	Great Lakes	Hawaii	Puerto Rico	Total
	Number									
1921. . . .	-	-	-	-	-	1	-	-	-	1
1923. . . .	-	-	-	-	-	3	-	-	-	3
1925. . . .	-	-	1	1	2	7	-	-	-	11
1926. . . .	-	-	1	-	-	3	-	-	-	4
1928. . . .	-	-	1	-	1	2	-	-	-	4
1929. . . .	-	-	-	-	-	1	-	-	-	1
1930. . . .	-	1	1	-	-	-	-	1	-	3
1931. . . .	-	-	-	-	-	2	-	-	-	2
1933. . . .	-	-	2	-	-	1	-	-	-	3
1934. . . .	-	-	-	-	-	1	-	-	-	1
1935. . . .	-	-	1	-	-	2	-	-	-	3
1936. . . .	-	-	1	-	-	2	-	-	-	3
1937. . . .	-	-	1	-	-	1	-	-	-	2
1938. . . .	-	-	2	-	-	2	-	-	-	4
1939. . . .	-	-	-	-	1	1	-	-	-	2
1940. . . .	-	-	1	-	-	3	-	-	-	4
1941. . . .	-	-	-	-	-	1	-	-	-	1
1942. . . .	1	-	1	-	1	1	-	-	1	5
1943. . . .	-	-	2	1	-	3	-	-	-	6
1944. . . .	-	-	1	-	1	9	-	-	-	11
1945. . . .	-	-	1	-	1	8	-	-	-	10
1946. . . .	-	1	-	1	-	4	-	-	-	6
1947. . . .	-	-	-	-	-	5	-	-	-	5
1948. . . .	-	1	1	2	2	3	-	-	-	9
1949. . . .	-	-	4	-	2	3	-	-	-	9
1950. . . .	-	-	-	-	1	1	-	-	-	2
1951. . . .	-	1	-	1	1	-	-	-	-	3
1952. . . .	-	-	2	-	-	2	-	-	-	4
1953. . . .	-	-	2	-	1	3	-	-	-	6
1954. . . .	-	-	-	1	-	1	-	-	-	2
1955. . . .	-	-	1	1	1	1	-	-	-	4
1956. . . .	-	-	-	-	3	3	-	1	-	7
1957. . . .	-	-	2	-	-	-	-	-	-	2
1958. . . .	-	-	3	-	3	5	-	-	-	11
1959. . . .	-	-	2	-	1	4	-	-	-	7
1960. . . .	-	-	1	-	-	-	-	-	-	1
1961. . . .	-	-	4	-	1	2	-	-	-	7
1962. . . .	-	1	4	-	2	2	-	-	-	9
1963. . . .	-	-	7	-	1	2	-	-	-	10
1964. . . .	-	-	1	-	-	1	-	-	-	2
1965. . . .	-	-	1	-	-	7	-	-	-	8
1966. . . .	-	-	4	-	3	4	-	-	-	11
1967. . . .	-	-	1	1	1	4	-	-	-	7
1968. . . .	1	-	9	-	4	4	-	-	-	18
1969. . . .	1	1	3	1	3	11	-	-	-	20
1970. . . .	3	6	16	10	15	40	-	1	-	91
1971. . . .	37	15	38	46	265	246	3	2	13	665
Total: Vessels	43	27	124	66	317	417	3	5	14	1,016

Note:-- The above data represent the number of vessels receiving first documentation or were redocumented in 1971 by the U.S. Coast Guard with their service classed as fishing. It is possible that not all of the above vessels actually engaged in fishing. Twenty-six vessels were redocumented during 1971. Source:-- U.S. Coast Guard.

PROCESSING AND WHOLESALE ESTABLISHMENTS AND EMPLOYMENT, 1971 AND 1970

Area and State	1971									1970		
	Processing			Wholesale			Total			Total		
	Plants	Employment average		Plants	Employment average		Plants	Employment average		Plants	Employment average	
		Season	Year		Season	Year		Season	Year		Season	Year
	-Number-											
New England:												
Maine	100	4,624	2,946	142	391	283	242	5,015	3,229	250	5,534	3,233
New Hampshire	10	414	348	3	11	10	13	425	358	13	437	396
Massachusetts	110	4,643	3,965	102	918	812	212	5,561	4,777	233	5,843	4,991
Rhode Island	15	204	170	17	102	84	32	306	254	32	377	304
Connecticut	4	25	21	4	16	13	8	41	34	9	45	36
Total	239	9,910	7,450	268	1,438	1,202	507	11,348	8,652	537	12,236	8,960
Middle Atlantic:												
New York	49	1,276	1,162	170	1,175	1,170	219	2,451	2,332	205	2,508	2,368
New Jersey	46	2,014	1,613	62	308	274	108	2,322	1,887	102	2,077	1,756
Pennsylvania	18	1,098	964	22	203	203	40	1,301	1,167	41	1,514	1,227
Delaware	5	326	237	11	34	32	16	360	269	19	414	355
Total	118	4,714	3,976	265	1,720	1,679	383	6,434	5,655	367	6,513	5,706
Chesapeake:												
Maryland	98	4,322	3,304	109	502	431	207	4,824	3,735	205	4,812	3,790
Virginia	144	5,600	3,854	104	346	307	248	5,946	4,161	260	5,834	4,021
Total	242	9,922	7,158	213	848	738	455	10,770	7,896	465	10,646	7,811
South Atlantic:												
North Carolina	75	1,903	1,111	99	407	289	174	2,310	1,400	176	2,208	1,381
South Carolina	23	711	590	52	308	174	75	1,019	764	69	1,000	754
Georgia	13	1,889	1,663	38	278	151	51	2,167	1,814	53	2,336	1,780
Florida, East Coast	42	1,335	1,183	101	361	335	143	1,696	1,518	134	1,579	1,392
Total	153	5,838	4,547	290	1,354	949	443	7,192	5,496	432	7,123	5,307
Gulf:												
Florida, West Coast	127	4,321	3,562	172	574	489	299	4,895	4,051	308	4,663	3,966
Alabama	48	1,590	1,018	14	592	229	62	2,182	1,247	56	1,806	1,061
Mississippi	44	1,604	1,025	18	141	75	62	1,745	1,100	62	1,582	1,068
Louisiana	128	4,699	3,112	51	607	468	179	5,306	3,580	235	5,255	3,668
Texas	81	3,698	2,771	78	1,146	707	159	4,844	3,478	156	5,319	3,664
Total	428	15,912	11,488	333	3,060	1,968	761	18,972	13,456	817	18,925	13,427

(Continued on next page)

PROCESSING AND WHOLESALE ESTABLISHMENTS AND EMPLOYMENT, 1971 AND 1970

Area and State	1971									1970		
	Processing			Wholesale			Total			Total		
	Plants	Employment average		Plants	Employment average		Plants	Employment average		Plants	Employment average	
		Season	Year		Season	Year		Season	Year		Season	Year
	----------	----------	----------	----------	----------	Number	----------	----------	----------	----------	----------	----------
Pacific:												
Alaska 1/.	192	8,502	3,500	-	-	-	192	8,502	3,500	108	6,500	3,000
Washington	105	2,973	1,949	23	342	249	128	3,315	2,198	140	3,324	2,716
Oregon	46	3,098	2,217	4	21	12	50	3,119	2,229	60	3,203	2,279
California	101	8,765	6,830	80	816	730	181	9,581	7,560	202	9,222	7,611
Total.	444	23,338	14,496	107	1,179	991	551	24,517	15,487	510	22,249	15,606
Great Lakes:												
New York	8	98	88	13	95	88	21	193	176	21	173	165
Pennsylvania	3	22	17	3	3	3	6	25	20	6	19	15
Ohio	17	529	471	11	23	19	28	552	490	29	553	520
Illinois	14	580	516	26	309	295	40	889	811	41	790	744
Indiana.	-	-	-	3	16	15	3	16	15	3	14	14
Michigan	25	290	233	24	115	109	49	405	342	52	357	296
Minnesota.	3	104	41	4	8	6	7	112	47	8	90	47
Wisconsin.	27	300	275	10	61	49	37	361	324	39	366	321
Total.	97	1,923	1,641	94	630	584	191	2,553	2,225	199	2,362	2,122
Mississippi River:												
Alabama and Arkansas .	8	194	153	33	109	109	41	303	262	44	272	181
Illinois	14	36	36	25	58	58	39	94	94	39	119	113
Indiana.	-	-	-	12	106	95	12	106	95	12	88	81
Iowa	8	103	85	12	51	45	20	154	130	19	114	94
Kansas, Kentucky, and Nebraska.	4	162	148	23	154	146	27	316	294	29	301	272
Louisiana.	16	177	103	23	94	83	39	271	186	42	307	181
Minnesota.	5	105	89	12	34	31	17	139	120	17	141	97
Mississippi and Texas.	7	459	326	39	178	170	46	637	496	38	566	508
Missouri	6	217	199	27	98	93	33	315	292	35	484	412
North Dakota, South Dakota, and Oklahoma.	3	14	9	18	61	55	21	75	64	23	82	68
Ohio	-	-	-	5	9	9	5	9	9	6	6	6
Tennessee.	3	24	20	37	120	114	40	144	134	36	143	125
Wisconsin.	9	98	94	14	80	77	23	178	171	25	315	296
Total.	83	1,589	1,262	280	1,152	1,085	363	2,741	2,347	365	2,938	2,434

See footnote at end of table.

(Continued on next page)

PROCESSING AND WHOLESALE ESTABISHMENTS AND EMPLOYMENT, 1971 AND 1970

Area and State	1971									1970		
	Processing			Wholesale			Total			Total		
	Plants	Employment average		Plants	Employment average		Plants	Employment average		Plants	Employment average	
		Season	Year		Season	Year		Season	Year		Season	Year
					Number							
Other:												
Hawaii and American Samoa	28	1,671	1,563	18	130	130	46	1,801	1,693	39	1,770	1,446
Puerto Rico	4	4,443	3,117	-	-	-	4	4,443	3,117	4	2,351	1,871
Total	32	6,114	4,680	18	130	130	50	6,244	4,810	43	4,121	3,317
Grand Total	1,836	79,260	56,698	1,868	11,511	9,326	3,704	90,771	66,024	3,735	86,813	64,690

1/ Data partly estimated for employment for the year.

EMPLOYMENT, CRAFT, AND PLANTS

PLANTS PRODUCING CANNED AND INDUSTRIAL FISHERY PRODUCTS, AND FISH FILLETS AND STEAKS, 1972

Area and State	Canned fishery products	Industrial fishery products	Fish fillets and steaks	Total plants, exclusive of duplication
	Number			
New England:				
Maine	21	9	9	39
Massachusetts	5	3	46	53
Rhode Island	-	-	1	1
Connecticut	1	-	1	2
Total	27	12	57	95
Middle Atlantic:				
New York	9	-	21	29
New Jersey	12	4	3	19
Pennsylvania	4	1	-	5
Delaware	1	-	-	1
Total	26	5	24	54
Chesapeake:				
Maryland	5	4	-	9
Virginia	4	8	6	17
Total	9	12	6	26
South Atlantic and Gulf:				
North Carolina	4	12	3	16
South Carolina	2	-	3	5
Georgia	-	1	1	2
Florida	3	3	18	24
Alabama	-	1	3	4
Mississippi	10	6	-	16
Louisiana	19	28	1	46
Texas	-	1	2	3
Total	38	52	31	116
Great Lakes and Mississippi River:				
Illinois	1	-	17	18
Iowa	-	2	2	3
Kansas	1	-	-	1
Michigan	1	1	15	17
Minnesota	-	-	6	6
Nebraska	1	-	-	1
New York	-	-	3	3
Ohio	-	-	8	8
Pennsylvania	-	-	3	3
Wisconsin	2	1	22	25
Total	6	4	76	85
Pacific:				
Alaska	57	-	-	57
Washington	32	9	14	55
Oregon	14	6	9	28
California	16	16	23	46
Total	119	31	46	186
Hawaii	1	-	-	1
American Samoa	2	2	-	2
Puerto Rico	5	4	-	5
Grand total	233	122	240	570

EMPLOYMENT, FISHING CRAFT, AND ESTABLISHMENTS, VARIOUS YEARS, 1930-70

Item	1930	1940	1950	1960	1970
			-Number-		
Persons employed:					
Fishermen	119,716	124,795	161,463	130,431	140,300
Processing and wholesaling 1/	78,996	90,215	102,015	93,625	86,813
Total	198,712	215,010	263,478	224,056	227,113
Craft utilized:					
Vessels 2/	4,374	5,562	11,496	12,018	13,300
Motor boats	35,437	31,055	46,067	56,889	73,100
Other boats	37,961	35,193	34,747	8,150	2,000
Total	77,772	71,810	92,310	77,057	88,400
Vessels documented for fishing:					
First documentation	(3)	320	812	408	792
Redocumentation	(3)	(3)	29	24	30
Total	(3)	(3)	841	432	822
Fishery shore establishments:					
Pacific Coast States	569	579	700	515	510
Atlantic Coast and Gulf States	2,024	2,038	2,699	2,898	2,618
Great Lakes and Mississippi River States	402	438	484	772	564
Other areas	(3)	(3)	(3)	4/ 22	5/ 43
Total	2,995	3,055	3,883	4,207	3,735

1/ Average for season.
2/ Craft 5 net tons and over as documented by U.S. Coast Guard.
3/ Not available.
4/ Hawaii only.
5/ Hawaii, American Samoa, and Puerto Rico.

FISHERY PRODUCTS INSPECTION

PRODUCTS INSPECTED IN CALENDAR YEAR 1972

Region	Federal (continuous) inspection		Lot inspection	Total	
	Plants	Products	Products	Products inspected	Production in plants under inspection
	Number	Thousand pounds			
Northeast	20	220,542	8,040	228,582	367,158
Southeast	12	40,260	20,882	61,142	102,570
Southwest	7	14,679	17,264	31,943	24,428
Northwest	3	7,481	4,586	12,067	7,481
Total	42	282,962	50,772	333,734	501,637

Source:--National Marine Fisheries Service, Fishery Products Research and Inspection Division.

FISHERY COOPERATIVES IN THE UNITED STATES, VIRGIN ISLANDS, AND PUERTO RICO, 1972

Region and State	Members	Craft	Functions performed by cooperatives						
			Marketing and purchasing	Marketing exclusively	Collective bargaining exclusively	Purchasing exclusively	Marketing, purchasing, bargaining	Other 1/	Total
			Number						
New England:									
Maine	485	243	4	1	-	2	-	1	8
Massachusetts	927	798	6	-	-	-	-	-	6
Rhode Island	118	50	1	-	-	-	-	-	1
Connecticut	-	-	-	-	-	-	-	1	1
Total	1,530	1,091	11	1	-	2	-	2	16
Middle Atlantic:									
New York	95	95	-	1	-	-	-	1	2
New Jersey	115	61	1	1	-	-	1	-	3
Total	210	156	1	2	-	-	1	1	5
Chesapeake, Virginia	-	-	-	-	-	-	-	1	1
South Atlantic and Gulf:									
South Carolina	10	25	1	-	-	-	-	1	2
Georgia	200	100	1	-	-	-	-	1	2
Florida	166	205	1	4	-	-	-	1	6
Mississippi	375	1	-	1	-	-	-	-	1
Louisiana	109	155	2	1	1	-	-	5	9
Texas	98	132	-	2	-	-	-	1	3
Total	958	618	5	8	1	-	-	9	23
Great Lakes and inland areas:									
Arkansas	34	-	-	1	-	-	-	-	1
Minnesota	247	170	1	1	-	-	-	-	2
Ohio	5	5	-	1	-	-	-	-	1
Tennessee	75	-	1	-	-	-	-	-	1
Total	361	175	2	3	-	-	-	-	5
Pacific Coast:									
Alaska	2,622	1,689	6	7	5	1	7	8	34
Washington	2,300	2,168	-	7	-	-	1	1	9
Oregon	16	16	-	1	-	-	-	-	1
California	2,199	757	-	4	4	-	3	-	11
Total	7,137	4,630	6	19	9	1	11	9	55
Hawaii	7	7	1	-	-	-	-	1	2
Puerto Rico	54	5	-	3	-	-	-	-	3
Virgin Islands	-	-	-	-	-	-	-	1	1
Grand total	10,257	6,682	26	36	10	3	12	24	111

1/ No information is available on the functions performed by these cooperatives. The number of members and craft are not available.

Source:--National Marine Fisheries Service, Market Research and Services Division.

U.S. MARINE SPORT FISHERIES: NUMBER OF MARINE ANGLERS, EXPENDITURES, AND TOTAL CATCH BY AREA, 1955, 1960, 1965, and 1970

Year	Anglers			
	Atlantic	Gulf	Pacific	Total
	Thousand			
1955	2,343	1,077	1,137	4,557
1960	3,383	1,437	1,472	6,292
1965	4,178	2,084	2,043	8,305
1970	5,010	2,272	2,178	9,460

Year	Expenditures			
	Atlantic	Gulf	Pacific	Total
	Thousand dollars			
1955	213,653	98,209	177,077	488,939
1960	346,373	144,857	134,961	626,191
1965	331,179	176,104	292,373	799,656
1970	636,380	404,646	183,679	1,224,705

Year	Total catch 1/			
	Atlantic	Gulf	Pacific	Total
	Thousand pounds			
1955	(2)	(2)	(2)	(2)
1960	731,852	411,110	237,339	1,380,301
1965	836,481	375,575	262,297	1,474,353
1970	917,631	485,728	173,464	1,576,823

1/ Does not include Hawaii.

2/ No survey in 1955.

Sources:-- National Survey of Fishing and Hunting for 1955, 1960, 1965, and 1970, U.S. Department of the Interior.
Salt-Water Angling Survey for 1960 and 1965, U.S. Department of the Interior, Fish and Wildlife Service.
Salt-Water Angling Survey for 1970, U.S. Department of Commerce, National Marine Fisheries Service.

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(Continued on next page)

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Location Abbreviation	Location	Mailing Address
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Museum	10th & Constitution Ave., NW Washington, DC	Washington, DC 20560
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Honolulu, HI 96812	Robert T.B. Iverson, P.O. Box 3830	808-946-2181

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PUBLICATIONS

DESCRIPTION OF PUBLICATIONS

Current Fishery Statistics

Current Fishery Statistics (CFS) bulletins are available on annual U.S. production of canned fish and other processed fishery products and on U.S. foreign trade. CFS bulletins are published monthly and annually on production and holdings of frozen fishery products and on production of fish meal and oil. Monthly and annual commercial fishery landings in most coastal States and shrimp landings in the South Atlantic and Gulf States also are available in CFS bulletins. These reports are listed on page 93 and are prepared by:

U.S. Department of Commerce
National Oceanic and Atmospheric Administration
National Marine Fisheries Service
Statistics and Market News Division
3300 Whitehaven Street, N.W.
Washington, D.C. 20235

Fishery Market News Reports

Fishery market news reports contain market data on landings, receipts, supplies, and prices, as well as foreign trade data, market developments, and other fishery information for selected fishery product markets in the United States and foreign countries. For information concerning these reports write directly to the Market News Office address indicated by an asterisk (*) on pages 90 and 91.

Fisheries of the United States and Fishery Statistics of the United States (Statistical Digest)

Fisheries of the United States, a preliminary review of annual fishery statistics, includes data on U.S. commercial landings and marine sport fish landings, production of processed products, foreign trade, supply, prices, per capita consumption, and employment. Fishery Statistics of the United States (Statistical Digest) contains final data on annual landings, vessels and other operating units, production of processed products, foreign trade, and related subjects. A limited number of Fisheries of the United States and Statistical Digests are made available each year for free distribution to Government agencies, research organizations, State fishery departments, and other groups having special interests in fishery statistics. Persons or organizations not meeting these qualifications can purchase copies from:

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Market Situation and Outlook Series

These publications contain analyses of the factors affecting prices of fishery products. The reports have text plus considerable tabular data and many charts to illustrate economic trends, conditions, and outlook for major fishery commodities. Publications in this series are prepared by:

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The following are issued only as annual bulletins:

( ) MF-1 Canned Fishery Products
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( ) MF-4 Processed Fishery Products
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( ) MF-6 Imports and Exports of Fishery Products

The following are issued as monthly and annual bulletins:

( ) FF Frozen Fishery Products

( ) FM Fish Meal and Oil

( ) NA-1 Maine Landings
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( ) NA-3 Rhode Island Landings
( ) NA-4 New York Landings
( ) NA-5 New Jersey Landings

( ) SA-1 Maryland Landings
( ) SA-2 Virginia Landings
( ) SA-3 North Carolina Landings
( ) SA-4 South Carolina Landings
( ) SA-5 Georgia Landings

( ) GC-1 Florida Landings
( ) GC-2 Alabama Landings
( ) GC-3 Mississippi Landings
( ) GC-4 Louisiana Landings
( ) GC-5 Texas Landings
( ) GC-6 Shrimp Landings
( ) GCS Gulf Coast Shrimp Data

GLOSSARY

For the data in this publication to be used effectively, the reader must have a clear understanding of the terms associated with the data. Following are definitions of those terms we feel could have different interpretations by our readers.

Boat, motor: A motor-driven commercial fishing craft having a capacity of less than 5 net tons.

Boat, other: Commercial fishing craft not powered by a motor, e.g., row or sailboat, having a capacity of less than 5 net tons.

Breaded shrimp: Peeled shrimp coated with breading. The product may be identified as fantail (butterfly) and round, with or without tail fins and last shell segment; and as portions, sticks, steaks, etc., when prepared from a composite unit of two or more shrimp pieces, whole shrimp, or a combination of both without fins or shells.

Breading: A finely ground mixture containing cereal products, flavorings, and other ingredients, that is applied to a product that has been moistened, usually with batter.

Butterfly fillets: The two skin-on sides of the fish corresponding to two single fillets held together by the uncut flesh and skin of the belly.

Canned fishery products: Fish, shellfish, or other aquatic animals packed singly or in combination with other items in hermetically sealed, heat sterilized cans, jars, or other suitable containers. Most, but not all, canned fishery products can be stored at room temperature for an indefinite period of time without spoiling.

Catch, marine sport fish: Quantities of fish caught, but not necessarily brought ashore, by recreational marine anglers.

Commercial fisherman: An individual who derives income from catching and selling living resources taken from fresh- or salt-water bodies.

Consumption (of edible fishery products): Estimated amount of commercially landed fish, shellfish, and other aquatic animals consumed by the civilian population of the United States. Estimates are on an edible weight basis and have been adjusted for beginning and ending inventories of edible fishery products; U.S. production of fishery products from both domestically-caught and imported fish, shellfish and other edible aquatic plants and animals; imports; exports; purchases by the U.S. armed forces; and shipments to U.S. territories.

Cured fishery products: Products preserved by drying, pickling, salting, and smoking. Does not include canned, frozen, irradiated or pasteurized products. Dried products are cured by sun or air-drying; pickled or salted products are those products preserved by applying salt, or by pickling (immersing in brine); smoked products are cured with smoke or a combination of smoking and drying or salting.

Exvessel price: Price received by a fisherman for fish, shellfish and other aquatic plants and animals landed at the dock.

Fish block: Boneless or virtually boneless fish flesh frozen into blocks weighing over 10 pounds and suitable for the production of fish sticks and portions.

Fish fillets: The sides of fish that are either skinned or have the skin on, cut lengthwise from the backbone. Most types of fillets are boneless or virtually boneless; some may be specified as "boneless fillets."

GLOSSARY

Fishing craft, commercial: Boats and vessels engaged in capturing fish, shellfish, and other aquatic plants and animals for sale.

Fish meal: A ground, dried product made from fish or shellfish or parts thereof, generally produced by cooking raw fish or shellfish with steam and pressing the material to obtain the solids which are then dried.

Fish oil: An oil processed from the body (body oil) or liver (liver oil) of fish. Most fish oils are a byproduct of the production of fish meal.

Fish portion: A piece of fish flesh generally of uniform size with thickness of 3/8 of an inch or more and which does not conform to the definition of a fish stick. A fish portion is generally cut from a fish block.

Fish solubles: A product extracted from the residual press liquor (called "stick water") after the solids are removed for drying (fish meal) and the oil extracted by centrifuging. This residue is generally condensed to 50 percent solids and marketed as "condensed fish solubles."

Fish steak: Cross-section slices cut from large dressed fish. Steaks are usually about 3/4 of an inch thick.

Fish stick: An elongated piece of breaded fish flesh weighing not less than 3/4 of an ounce and not more than 1-1/2 ounces with the largest dimension at least three times that of the next largest dimension. A fish stick is generally cut from a block of fillets.

Full-time commercial fisherman: An individual who spends 50 percent or more of his working year in commercial fishing activities, including port activity such as vessel repair, re-rigging, etc.

Groundfish: Broadly, fish that are caught on or near the sea floor. The term includes a wide variety of bottom fishes, rock fishes and flat fishes. However, the National Marine Fisheries Service generally uses the term in a narrower sense. In this "Fisheries of the United States," the term applies to the following species: cod, cusk, haddock, hake, pollock and Atlantic ocean perch.

Industrial fishery products: Products manufactured from fish, shellfish or other aquatic plants and animals which are not consumed directly by humans, such as fish meal, fish oils, condensed fish solubles, pearl essence, shark and other aquatic animal skins, certain products from sea weeds, and shells.

Landings, commercial: Quantities of fish, shellfish and other aquatic plants and animals brought ashore and sold. Landings of fish may be in terms of round (live) weight or dressed weight. Landings of crustaceans are generally on a live weight basis except for shrimp which may be on a heads-on or heads-off basis. Mollusks are generally landed with the shell on but in some cases only the meats are landed (such as scallops). Data for all mollusks are published on a meat weight basis.

Packaged fish: A term used to designate U.S. production of fresh or frozen, raw fish fillets and steaks prior to 1972 publications.

Part-time commercial fisherman: An individual who spends less than 50 percent of his working year in commercial fishing activities.

Per capita consumption: Consumption of edible fishery products in the United States, divided by the total civilian population. In calculating annual per capita consumption, estimates of the civilian resident population of the United States on July 1 of each year are used. These estimates are taken from Current Population Reports Series P-25, published by the U.S. Bureau of the Census.

GLOSSARY

Per capita utilization: The utilization of all fishery products both edible and non-edible in the United States, divided by the total population of the United States.

Processed fishery products: Fish, shellfish and other aquatic plants and animals, and products thereof, preserved by canning, freezing, cooking, dehydrating, drying, fermenting, pasteurizing, adding salt or other chemical substances, and other commercial processes. Also, changing the form of fish, shellfish or other aquatic plants and animals from their original state into a form in which they are not readily identifiable, such as fillets, steaks, or shrimp logs.

Retail (fish) price: The price of fish, shellfish and other aquatic plants or animals, and products thereof, sold to the final consumer. Prices charged by food and speciality stores.

Round (live) weight: The weight of fish, shellfish or other aquatic plants and animals as taken from the water; the complete or full weight as caught. The tables on world catch found in this publication include, in the case of mollusks, the weight of both the shells and the meats, whereas the tables on U.S. landings include only the weight of the meats.

Utilization of fishery products: Estimated disappearance of the total supply of fishery products both edible and inedible on a round weight basis without taking into consideration beginning or ending stocks, exports, military purchases or shipments to U.S. territories.

Vessel: A commercial fishing craft having a capacity of 5 net tons or more. These craft are either enrolled or documented by the U.S. Coast Guard and have an official number assigned by that agency.

Wholesale (fish) price: Price of fish, shellfish and other aquatic plants and animals, and products thereof, charged by manufacturers and other producers for sale generally in large quantities.

(Reference gives page numbers)

CLAMS:

Canned, 35
Landings, 16, 20
Price indexes, exvessel, 62, 64
Value of landings, 16, 20
Value of landings, relative, 26
Volume of landings, relative, 25

CONSUMPTION, PER CAPITA:

Canned, 71, 72
Cured, 71
Fillets, and steaks, 72
Fish and shellfish, commercially-caught, 71
Fresh and frozen, 71
Salmon, canned, 72
Sardines, canned, 72
Shellfish, canned, 72
Shrimp, raw, 72
Sticks and portions, 72
Tuna, canned, 72
World, by country, 74

CRABS:

Canned, 35, 38, 58
Freezings, 34
Frozen holdings, 34
Imports, 38, 58
Landings, 16, 20
Price indexes, exvessel, 62, 64
Supply, canned, 58
Value of landings, 16, 20
Value of landings, relative, 26
Volume of landings, relative, 25

COOPERATIVES, FISHERY, 86

CRAFT, FISHING:

Additions to U.S. fleet, 78
Documentation, 85
Motor boats, 85
Vessels, 85

DISPOSITION OF LANDINGS:

United States, 27
World, 32

DUTIES COLLECTED, 37

EMPLOYMENT:

Establishments, shore, 85
Fishermen, 77, 85
Processing and wholesaling, 81, 85

EXPORTS:

All fishery products, 44, 45
Country of destination, 45
Edible, by years, 44
Important fishery products, 44
Mackerel, canned, 44, 48
Nonedible, by years, 44
Oils, 44, 49, 59
Salmon, canned, 44, 55
Salmon, fresh and frozen, 44, 48
Sardines, canned, 44, 48, 55
Shrimp, canned, 44, 47, 56
Shrimp, fresh and frozen, 44, 47
Shrimp, domestic and foreign products, 47
Squid, canned, 44, 49
Value, by years, 44
Volume, by years, 44

FLOUNDERS:

Foreign shores, landings off, 18
Freezings, 34
Frozen holdings, 34
Landings, 15, 18
Military purchases, 61
Price indexes, exvessel, 62, 64
Price, wholesale, 66
Value of landings, 15, 18
Value of landings, relative, 26
Volume of landings, relative, 25
World catch, 32

GROUNDFISH AND OCEAN PERCH:

Fillets, domestic production, 52
Fillets, supply, 52
Foreign shores, landings off, 18, 19
Freezings, 34
Frozen holdings, 34
Imports, 38, 40, 41, 52
Landings, 15, 18, 19
Military purchases, 61
Price indexes, exvessel, 62, 64
Prices, retail, 68
Prices, wholesale, 66
Quota, imports, fillets, 41
Value of landings, 15, 18, 19
Value of landings, relative, 26
Volume of landings, relative, 25
World catch, 32

HALIBUT, PACIFIC:

Foreign shores, landings off, 18
Freezings, 34

STATISTICAL SUBJECT INDEX

(Reference gives page numbers)

HALIBUT, PACIFIC - CONTINUED:

Frozen holdings, 34
Imports, 38
Landings, 15, 18
Military purchases, 61
Price, wholesale, 66
Price indexes, exvessel, 62, 64
Value of landings, 15, 18
Value of landings, relative, 26
Volume of landings, relative, 25
World catch, 32

HERRING, SEA:

Canned (sardines), 35, 38, 44, 48, 55
Consumption (sardines), per capita, 72
Exports (sardines), 44, 48, 55
Imports (sardines), 38, 55
Landings, 15, 18
Meal, 36
Oil, 36
Prices (sardines), 66, 68
Value of landings, 15, 18
Value of landings, relative, 26
Volume of landings, relative, 25
World catch, 32

IMPORTS:

All fishery products, 37, 38, 50, 51
Blocks and slabs, 38, 40
Bonito and yellowtail, canned, 38, 53
Continent and country, by, 39
Crab meat, canned, 38, 58
Duties collected, 37
Edible, 37, 38, 39, 50, 51
Fillets, groundfish and ocean perch, 38, 40, 52
Fillets, other than groundfish and ocean perch, 38, 52
Finfish, 51
Halibut, 38
Important fishery products, 38
Industrial, 50, 51
Lobsters, canned, 38
Lobsters, fresh and frozen, 38, 58
Meal and scrap, 38, 43, 59, 60
Nonedible, 37, 38, 50, 51
Oils, 38, 59
Oysters, canned, 38
Quota, groundfish fillets and steaks, 41
Quota, tuna, canned, 41
Salmon, canned, 38, 55
Salmon, fresh and frozen, 38
Sardines, canned, 38, 55
Scallop meats, 38, 57
Shellfish, 51
Shrimp, by country, 42

IMPORTS - CONTINUED:

Shrimp, canned, 43, 56
Solubles, 38, 43, 59, 60
Tuna, canned, 38, 53
Tuna, fresh and frozen, 38, 53
Utilization, per capita, 70
Value, by years, 37, 38, 39, 51, 69

INSPECTION:

Plants under inspection, 85
Products inspected, 85

LANDINGS:

Disposition, 27
Foreign shores, off, 18
Human food (edible), 24, 27, 50, 51
Industrial, 24, 25, 26, 27, 50, 51
Months, by, 27
Ports, certain U.S., 23
Record year, species, 25, 26
Record year, States, 22
Regions, by, 23
Round weight, 50, 51
Sealskins, Pribilof Islands, 28
Species, by, 15, 18
States, by, 22
U.S., 15, 18, 22, 23, 24, 25, 26, 27, 50, 51
U.S. shores, distance from, 18
Utilization, per capita, 70
Value, relative, 26
Volume, relative, 25
World, 29, 30, 31, 32

LOBSTERS, AMERICAN (NORTHERN):

Imports, 38
Landings, 16, 20, 58
Price indexes, exvessel, 62, 64
Supply, fresh and frozen, 58
Value of landings, 16, 20
Value of landings, relative, 26
Volume of landings, relative, 25

LOBSTERS, SPINY:

Freezings, 34
Frozen holdings, 34
Imports, 38
Landings, 16, 20, 58
Supply, fresh and frozen, 58
Value of landings, 16, 20
Value of landings, relative, 26
Volume of landings, relative, 25

(Reference gives page numbers)

MACKEREL:

Canned, 35
Exports, 44, 48
Landings, 15, 18
Meal, 36
Oil, 36
Price, wholesale, 66
Value of landings, 15, 18
Value of landings, relative, 26
Volume of landings, relative, 25
World catch, 32

MEAL AND SCRAP:

Herring, 36
Imports, 38, 59, 60
Landings, end use for, 27
Mackerel, 36
Menhaden, 36
Production, U.S., 36, 59
Supply, 59, 60
Tuna, 36
World catch, end use for, 32

MENHADEN:

Landings, 15, 19
Meal, 36
Oil, 36
Price indexes, exvessel, 62, 64
Value of landings, 15, 19
Value of landings, relative, 26
Volume of landings, relative, 25

OIL:

Exports, 44, 59
Herring, 36
Imports, 38, 59
Mackerel, 36
Menhaden, 36
Production, 36, 59
Supply, 59
Tuna, 36
World catch, end use for, 32
Years, production by, 36

OYSTERS:

Canned, 35
Imports, 38
Landings, 16, 20
Military purchases, 61
Price, wholesale, 66
Price indexes, exvessel, 62, 64
Value of landings, 16, 20
Value of landings, relative, 26
Volume of landings, relative, 25

PLANTS AND FIRMS:

Employment, 81, 85
Establishments, shore, 85
Producing canned and industrial products, and fillets and steaks, 84

PRICES:

CPI (Consumer Price Index), 68
Indexes, consumer, 68
Indexes, exvessel, 62, 64
Indexes, wholesale, 65
Retail, 68
Wholesale, 66

PROCESSING:

Animal food and bait, canned, 35
Bonito and yellowtail, canned, 53
Canned products, 35
Clams, canned, 35
Crab meat, canned, 35, 58
Employment in, 82, 85
Fillets and steaks, fresh and frozen, 33, 52
Freezings, 34
Frozen holdings, 34
Industrial products, 36, 69
Mackerel, jack and Pacific, canned, 35
Meal, 36, 59, 60
Oil, 36, 59
Oysters, canned, 35
Packaged (see fillets and steaks), 29
Plants, number of, 82, 84, 85
Portions, 33
Salmon, canned, 35, 55
Sardines, canned, 35, 55
Sealskins, Pribilof Islands, 28
Shrimp, breaded, 33
Shrimp, canned, 35, 56
Solubles, 36, 59, 60
Sticks, 33
Tuna, canned, 35, 53
Value, processed products, 69

SALMON:

Canned, 35, 55
Consumption, per capita, 72
Exports, 44, 48, 55
Foreign shores, landings off, 19
Freezings, 34
Frozen holdings, 34
Imports, 38, 55
Landings, 15, 19
Military purchases, 61
Price indexes, exvessel, 62, 64
Prices, wholesale, 66

STATISTICAL SUBJECT INDEX

(Reference gives page numbers)

SALMON - CONTINUED:

Supply, canned, 55
Value of landings, 15, 19
Value of landings, relative, 26
Volume of landings, relative, 25
World catch, 32

SARDINES:

Canned, 35, 38, 44, 48, 55
Consumption, per capita, 72
Exports, 44, 48, 55
Imports, 38, 55
Pacific, landings of, 16, 19, 55
Prices, retail, 68
Prices, wholesale, 66
Supply, canned, 55
World catch, 32

SCALLOPS:

Imports, 38, 57
Landings, 16, 21, 57
Military purchases, 61
Price indexes, exvessel, 62, 64
Supply, 57
Value of landings, 16, 21
Value of landings, relative, 26
Volume of landings, relative, 25

SHRIMP:

Breaded, 33, 69
Canned, 35, 56
Consumption, per capita, 72
Exports, 44, 45, 47, 56
Foreign shores, landings off, 21
Freezings, 34
Frozen holdings, 34
Imports, 38, 42, 43, 56
Landings, 17, 21, 56
Landings, heads-off, 56
Landings, heads-on, 17, 21, 56
Military purchases, 61
Price indexes, exvessel, 62, 64
Prices, retail, 68
Prices, wholesale, 66
Supply, canned, 56
Supply, fresh and frozen, 56
Value of landings, 17, 21
Value of landings, relative, 26
Volume of landings, relative, 25

SPORT FISHERIES, MARINE, 87

SUPPLY:

All fishery products, 50, 51
Bonito and yellowtail, canned, 53
Crab meat, canned, 58
Edible fishery products, 50, 51
Fillets, groundfish and ocean perch, 52
Fillets, other than groundfish and ocean perch, 52
Industrial fishery products, 50, 51
Lobsters, fresh and frozen, 58
Meal, 59, 60
Meal and solubles, 59, 60
Oils, 59
Salmon, canned, 55
Sardines, canned, 55
Scallop meat, fresh and frozen, 57
Shrimp, canned, 56
Shrimp, fresh and frozen, 56
Solubles, 59, 60
Tuna, canned, 53
Utilization, per capita, 70

TUNA:

Canned, 35, 38, 41, 53
Consumption, per capita, 72
Foreign shores, landings off, 20
Imports, 38, 41, 53
Landings, 16, 20, 53
Meal, 36
Oil, 36
Price indexes, exvessel, 62, 64
Prices, retail, 68
Prices, wholesale, 66
Quota, imports, canned, 41
Supply, canned, 53
Value of landings, 16, 20
Value of landings, relative, 26
Volume of landings, relative, 25
World catch, 32

UTILIZATION, PER CAPITA, 70

VALUE:

Canned products, 35
Duties collected, 37
Exports, 44, 45
Fillets and steaks, 33
Human food, 24, 51
Imports, 37, 38, 39, 51
Industrial landings, 24, 36, 51
Industrial products, 36
Landings, 15, 18, 22, 23, 26, 51

(Reference gives page numbers)

VALUE - CONTINUED:

Meal, 36
Military purchases, 61
Oil, 36
Packaged (see fillets and steaks)
Portions, 33
Ports, certain U.S., 23
Processed products, 33, 35, 36, 69
Record year, species, 26
Regions, 23
Relative, 26
Sealskins, Pribilof Islands, 28
Shell products, 36
Shrimp, breaded, 33
Sticks, 33
Species, 15, 18, 26
States, by, 22
World catch, 30, 31

WHITING:

Foreign shores, landings off, 20
Freezings, 34
Frozen holdings, 34
Landings, 16, 20
Price indexes, exvessel, 62, 64
Value of landings, 16, 20
Value of landings, relative, 26
Volume of landings, relative, 25

WORLD FISHERIES:

Catch by continents, 31
Catch by countries, 29, 30
Catch by major fishing areas, 31
Catch by species groups, 32
Estimated use of catch, 32

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